

# PAX3 rabbit pAb

Cat No.:ES11259

For research use only

## Overview

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name             | PAX3 rabbit pAb                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Host species             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Applications             | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Species Cross-Reactivity | Human;Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Recommended dilutions    | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen                | Synthesized peptide derived from human protein . at AA range: 150-230                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity              | PAX3 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                             |
| Formulation              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                    |
| Storage                  | Store at -20℃ . Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                         |
| Protein Name             | Paired box protein Pax-3 (HuP2)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Name                | PAX3 HUP2                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Cellular localization    | Nucleus .                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purification             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                      |
| Clonality                | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Concentration            | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Observed band            | 52kD                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Human Gene ID            | 5077                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Human Swiss-Prot Number  | P23760                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Alternative Names        |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Background               | This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. Mutations in paired box gene 3 are associated with Waardenburg syndrome, craniofacial-deafness-hand syndrome, and alveolar rhabdomyosarcoma. The translocation t(2;13)(q35;q14), which represents a fusion between |





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PAX3 and the forkhead gene, is a frequent finding in alveolar rhabdomyosarcoma. Alternative splicing results in transcripts encoding isoforms with different C-termini. [provided by RefSeq, Jul 2008],



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