ELK Biotechnology

# p39 rabbit pAb

## Cat No.:ES3113

**For research use only**

**Overview**

| | |
|---|---|
| **Product Name** | p39 rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB;IHC;IF;ELISA |
| **Species Cross-Reactivity** | Human;Rat;Mouse; |
| **Recommended dilutions** | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human CDK5R2. AA range:81-130 |
| **Specificity** | p39 Polyclonal Antibody detects endogenous levels of p39 protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | Cyclin-dependent kinase 5 activator 2 |
| **Gene Name** | CDK5R2 |
| **Cellular localization** | Cell membrane ; Lipid-anchor ; Cytoplasmic side . |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Clonality** | Polyclonal |
| **Concentration** | 1 mg/ml |
| **Observed band** | 40kD |
| **Human Gene ID** | 8941 |
| **Human Swiss-Prot Number** | Q13319 |
| **Alternative Names** | CDK5R2; NCK5AI; Cyclin-dependent kinase 5 activator 2; CDK5 activator 2; Cyclin-dependent kinase 5 regulatory subunit 2; p39; p39I |
| **Background** | The protein encoded by this gene is a neuron-specific activator of CDK5 kinase. It associates with CDK5 to form an active kinase. This protein and neuron-specific CDK5 activator |

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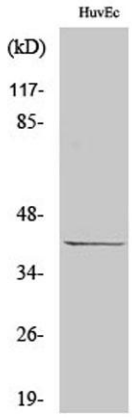
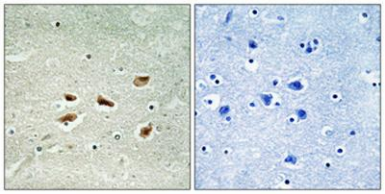
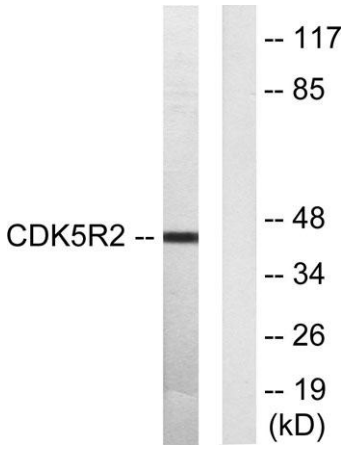
CDK5R1/p39NCK5A both share limited similarity to cyclins, and thus may define a distinct family of cyclin-dependent kinase activating proteins. [provided by RefSeq, Jul 2008],




Western Blot analysis of various cells using p39 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by i




Western blot analysis of lysates from HUVEC cells, using CDK5R2 Antibody. The lane on the right is blocked with the synthesized peptide.

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