



InsP6 Kinase 3 rabbit pAb

Cat No.:ES2626

For research use only

Overview

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|---------------------------------|--|
| Product Name | InsP6 Kinase 3 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Mouse |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human IP6K3. AA range:201-250 |
| Specificity | InsP6 Kinase 3 Polyclonal Antibody detects endogenous levels of InsP6 Kinase 3 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 | Inositol hexakisphosphate kinase 3 |
| Gene Name | IP6K3 |
| Cellular localization | Cytoplasm . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 51kD |
| Human Gene ID | 117283 |
| Human Swiss-Prot Number | Q96PC2 |
| Alternative Names | IP6K3; IHPK3; Inositol hexakisphosphate kinase 3; InsP6 kinase 3; Inositol hexaphosphate kinase 3 |
| Background | This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol |



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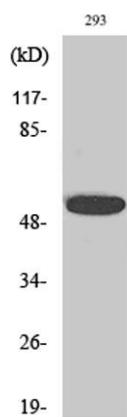
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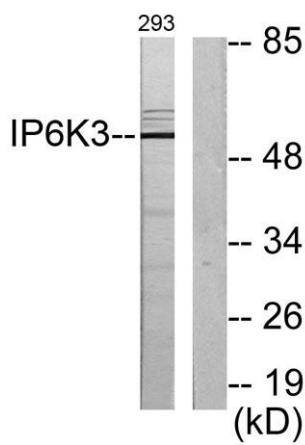
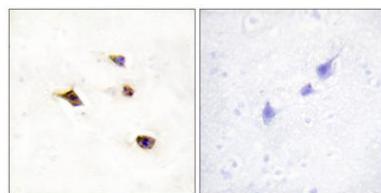
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pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4. Alternative splicing results in multiple transcript variants encoding the same protein.[provided by RefSeq, Dec 2008],



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using IP6K3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 cells, using IP6K3 Antibody. The lane on the right is blocked with the synthesized peptide.

