

Product datasheet for **TA308024**

INPP5B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Rat)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 699 and 949 of INPP5B (Uniprot ID#P32019)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	104 kDa
Gene Name:	inositol polyphosphate-5-phosphatase B
Database Link:	NP_005531 Entrez Gene 16330 MouseEntrez Gene 362590 RatEntrez Gene 3633 Human P32019
Background:	Cellular calcium signaling is controlled by the production of inositol phosphates (IPs) by phospholipase C in response to extracellular signals. The IP signaling molecules are inactivated by a family of inositol polyphosphate-5-phosphatases (5-phosphatases). This gene encodes the type II 5-phosphatase. The protein is localized to the cytosol and mitochondria, and associates with membranes through an isoprenyl modification near the C-terminus. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]
Synonyms:	5PTase

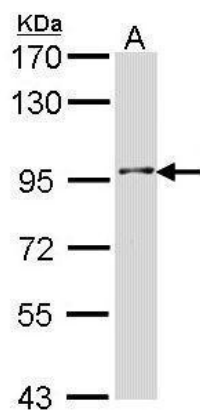


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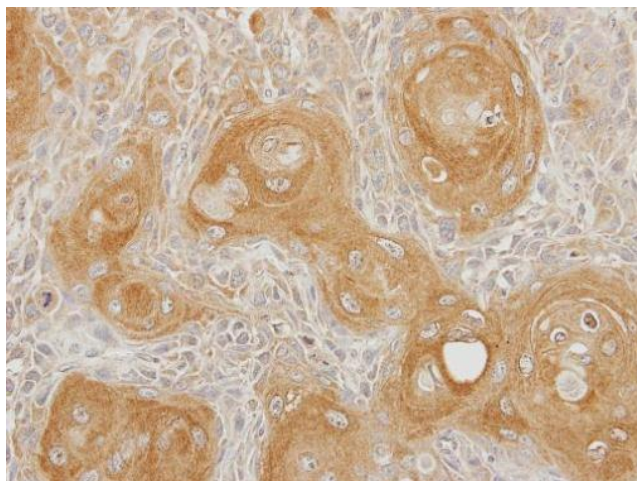
Note: Seq homology of immunogen across species: Mouse (87%), Rat (87%)

Protein Families: Druggable Genome

Protein Pathways: Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system

Product images:

Sample (30 ug of whole cell lysate). A: H1299.
7.5% SDS PAGE. TA308024 diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded Ca922 xenograft, using INPP5B (TA308024) antibody at 1:100 dilution.