



Rabbit Anti-Human INPP4A Polyclonal Antibody (CABT-L2264)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Inositol Polyphosphate-4-Phosphatase Type I 107kDa (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against INPP4A. It has been selected for its ability to recognize INPP4A in immunohistochemical staining and western blotting.
Target	INPP4A
Immunogen	Recombinant fragment corresponding to human INPP4A (Met1~Thr137)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene encodes an Mg ⁺⁺ independent enzyme that hydrolyzes the 4-position phosphate from the inositol ring of phosphatidylinositol 3,4-bisphosphate, inositol 1,3,4-trisphosphate, and inositol 3,4-bisphosphate. Multiple transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Aug 2008]
Keywords	INPP4;Inositol polyphosphate 4-phosphatase type I;Type I inositol 3,4-bisphosphate 4-phosphatase

GENE INFORMATION

Gene Name	INPP4A inositol polyphosphate-4-phosphatase, type I, 107kDa [Homo sapiens (human)]
Official Symbol	INPP4A
Synonyms	INPP4A; inositol polyphosphate-4-phosphatase, type I, 107kDa; INPP4; TVAS1; type I inositol 3,4-bisphosphate 4-phosphatase; type I inositol-3,4-bisphosphate 4-phosphatase; inositol polyphosphate-4-phosphatase, type I, 107kD;
Entrez Gene ID	3631
Protein Refseq	NP_001127696
UniProt ID	Q96PE3
Chromosome Location	2q11.2
Pathway	3-phosphoinositide degradation; Inositol phosphate metabolism; Inositol phosphate metabolism, Ins(1,3,4,5)P4 => Ins(1,3,4)P3 => myo-inositol; Insulin Signaling; Metabolic pathways; Metabolism; Metabolism of lipids and lipoproteins; PI Metabolism;
Function	phosphatidylinositol-3,4-bisphosphate 4-phosphatase activity; phosphatidylinositol-4,5-bisphosphate 4-phosphatase activity;