

Rabbit INPP4B Polyclonal Antibody | anti-INPP4B antibody

INPP4B Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284975	Rabbit	Human (Predicted Reactivity: Monkey, Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

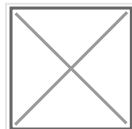
PRODUCT SYNONYMS

INPP4B; Polyclonal Antibody; INPP4B Antibody (Center); Type II inositol 3; 4-bisphosphate 4-phosphatase; Inositol polyphosphate 4-phosphatase type II; anti-INPP4B antibody

PRODUCT SPECIFICATIONS

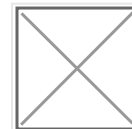
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This INPP4B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 367-393 amino acids from the Central region of human INPP4B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	367-393
Sequence Length	131
Applicable Applications for anti-INPP4B antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

INPP4B Antibody (Center) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with INPP4B Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of INPP4B Antibody (Center) in MCF-7 cell line lysates (35ug/lane).
INPP4B (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-INPP4B antibody	INPP4B catalyzes the hydrolysis of the 4-position phosphate of phosphatidylinositol 3,4-bisphosphate, inositol 1,3,4-trisphosphate and inositol 1,4-bisphosphate.
Product Categories/Family for anti-INPP4B antibody	Signal Transduction
References	Norris F.A., et.al., J. Biol. Chem. 272:23859-23864(1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	156104897
NCBI GeneID	8821
NCBI Accession #	NP_001095139.1 ; NP_003857.2
NCBI GenBank Nucleotide #	NM_001101669.1
UniProt Accession #	O15327 ; Q2TAI2 ; Q5XLE7 ; Q6IN59 ; Q6PJB4
Molecular Weight	104738
NCBI Official Full Name	type II inositol 3,4-bisphosphate 4-phosphatase
NCBI Official Synonym Full Names	inositol polyphosphate-4-phosphatase, type II, 105kDa
NCBI Official Symbol	INPP4B
NCBI Protein Information	type II inositol 3,4-bisphosphate 4-phosphatase
UniProt Protein Name	Type II inositol 3,4-bisphosphate 4-phosphatase
UniProt Gene Name	INPP4B
UniProt Entry Name	INP4B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/inpp4b-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284975>