

Rabbit anti-Human INPP5B Polyclonal Antibody | anti-INPP5B antibody

INPP5B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234575	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

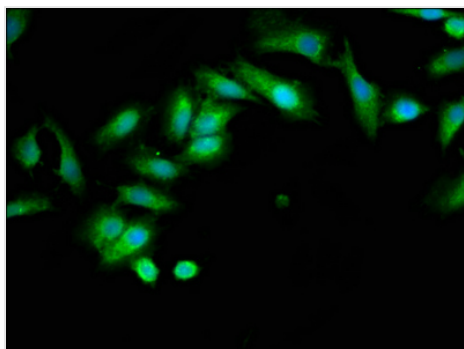
PRODUCT SYNONYMS

INPP5B; Polyclonal Antibody; INPP5B Antibody; Type II inositol 1; 4; 5-trisphosphate 5-phosphatase; 75 kDa inositol polyphosphate-5-phosphatase; Phosphoinositide 5-phosphatase; 5PTase; OCRL2; anti-INPP5B antibody

PRODUCT SPECIFICATIONS

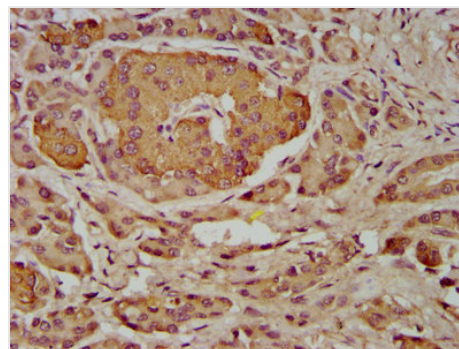
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	749
Applicable Applications for anti-INPP5B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Type II inositol 1, 4, 5-trisphosphate 5-phosphatase protein (78-178AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



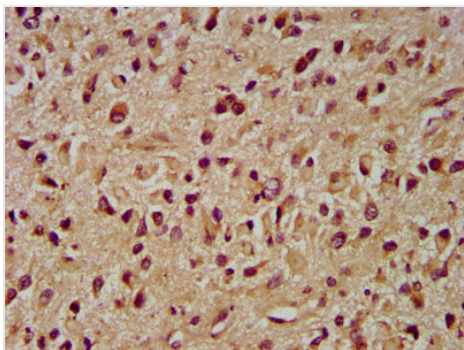
IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells with AAA234575 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234575 diluted at 1:400 and staining in paraffin-embedded human pancreatic tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)
 IHC image of AAA234575 diluted at 1:400 and staining in paraffin-embedded human glioma cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-INPP5B antibody	Hydrolyzes phosphatidylinositol 4, 5-bisphosphate (PtdIns(4, 5)P ₂) and the signaling molecule phosphatidylinositol 1, 4, 5-trisphosphate (PtdIns(1, 4, 5)P ₃), and thereby modulates cellular signaling events.
Product Categories/Family for anti-INPP5B antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	661903016
NCBI GeneID	3633
NCBI Accession #	NP_001284363.1
NCBI GenBank Nucleotide #	NM_001297434.1
UniProt Accession #	P32019; Q5VSG9; Q5VSH0; Q5VSH1; Q658Q5; Q6P6D4; Q6PD53; Q86YE1; C9J6U5
Molecular Weight	93,924 Da
NCBI Official Full Name	type II inositol 1,4,5-trisphosphate 5-phosphatase isoform 2
NCBI Official Synonym Full Names	inositol polyphosphate-5-phosphatase B
NCBI Official Symbol	INPP5B
NCBI Official Synonym Symbols	5PTase
NCBI Protein Information	type II inositol 1,4,5-trisphosphate 5-phosphatase
UniProt Protein Name	Type II inositol 1,4,5-trisphosphate 5-phosphatase
UniProt Gene Name	INPP5B
UniProt Synonym Gene Names	OCRL2; 5PTase

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/inpp5b-antibody-immunofluorescence-immunohistochemistry-elisa/234575>