

Rabbit anti-Human INPP5E Polyclonal Antibody | anti-INPP5E antibody

INPP5E Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235043	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

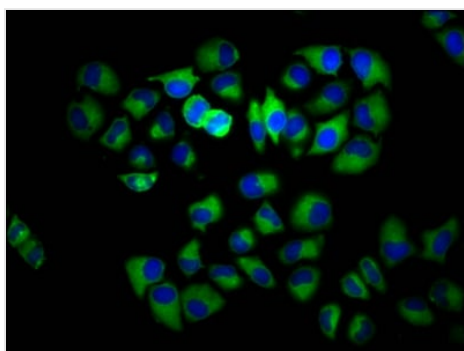
PRODUCT SYNONYMS

INPP5E; Polyclonal Antibody; INPP5E Antibody; 72 kDa inositol polyphosphate 5-phosphatase; Phosphatidylinositol 4; 5-bisphosphate 5-phosphatase; Phosphatidylinositol polyphosphate 5-phosphatase type IV; anti-INPP5E antibody

PRODUCT SPECIFICATIONS

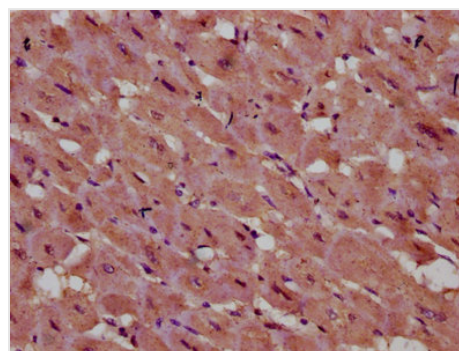
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	643
Applicable Applications for anti-INPP5E antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human 72 kDa inositol polyphosphate 5-phosphatase protein (1-133AA)
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



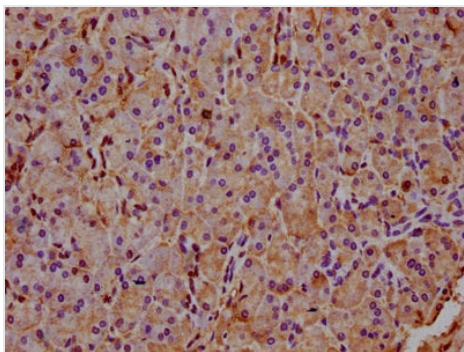
IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells with AAA235043 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 AAA235043 diluted at 1:400 and staining in paraffin-embedded human heart 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 AAA235043 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.

ADDITIONAL INFORMATION

Related Product Information for anti-INPP5E antibody	Converts phosphatidylinositol 3, 4, 5-trisphosphate (PtdIns 3, 4, 5-P3) to PtdIns-P2, and phosphatidylinositol 4, 5-bisphosphate to phosphatidylinositol 4-phosphate. Specific for lipid substrates, inactive towards water soluble inositol phosphates.
Product Categories/Family for anti-INPP5E antibody	Metabolism ; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	972781524
NCBI GeneID	56623
NCBI Accession #	NP_001305431.1
NCBI GenBank Nucleotide #	NM_001318502.1
UniProt Accession #	Q9NRR6 ; Q15734 ; Q6PIV5
Molecular Weight	66,193 Da
NCBI Official Full Name	72 kDa inositol polyphosphate 5-phosphatase isoform 2
NCBI Official Synonym Full Names	inositol polyphosphate-5-phosphatase E
NCBI Official Symbol	INPP5E
NCBI Official Synonym Symbols	CPD4; CORS1; JBTS1; MORMS; PPI5PIV; pharbin
NCBI Protein Information	72 kDa inositol polyphosphate 5-phosphatase
UniProt Protein Name	72 kDa inositol polyphosphate 5-phosphatase
UniProt Gene Name	INPP5E

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.