



Rabbit Anti-INPP4B antibody

SL16669R

Product Name:	INPP4B
Chinese Name:	聚磷酸肌醇磷酸酶4B抗体
Alias:	Inositol polyphosphate 4 phosphatase, type II; 4-bisphosphate 4-phosphatase; Inositol polyphosphate 4 phosphatase, type II; Inositol polyphosphate 4 phosphatase, type II, 105kDa; Inositol polyphosphate 4-phosphatase type II; INP4B_HUMAN; Inpp4b; MGC132014; Type II inositol 3,4 bisphosphate 4 phosphatase; Type II inositol-3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Dog,Cow,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	105kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human INPP4B:801-900/924
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	INPP4B encodes the inositol polyphosphate 4-phosphatase type II, one of the enzymes involved in phosphatidylinositol signaling pathways. This enzyme removes the phosphate group at position 4 of the inositol ring from inositol 3,4-bisphosphate. There is limited data to suggest that the human type II enzyme is subject to alternative

splicing, as has been established for the type I enzyme. [provided by RefSeq, Jul 2008]

Function:

Catalyzes the hydrolysis of the 4-position phosphate of phosphatidylinositol 3,4-bisphosphate, inositol 1,3,4-trisphosphate and inositol 1,4-bisphosphate.

Tissue Specificity:

Widely expressed with highest levels occurring in the skeletal muscle and heart.

Similarity:

Belongs to the inositol-3,4-bisphosphate 4-phosphatase family.
Contains 1 C2 domain.

SWISS:

O15327

Gene ID:

8821

Database links:

[Entrez Gene: 8821](#) Human

[Entrez Gene: 234515](#) Mouse

[Entrez Gene: 116699](#) Rat

[Omim: 607494](#) Human

[SwissProt: O15327](#) Human

[SwissProt: Q6P1Y8](#) Mouse

[SwissProt: Q9QWG5](#) Rat

[Unigene: 658245](#) Human

[Unigene: 324468](#) Mouse

[Unigene: 10829](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.