

Anti-INPP4B Antibody (N-Terminus)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18252**Specification**

Anti-INPP4B Antibody (N-Terminus) - Product Information

Application	WB, IHC-P, E
Primary Accession	O15327
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	104738

Anti-INPP4B Antibody (N-Terminus) - Additional Information**Gene ID** 8821

Alias Symbol	INPP4B
Other Names	
INPP4B	

Target/Specificity

INPP4B antibody is human, mouse and rat reactive. At least two isoforms of INPP4B are known to exist; this antibody only detects the longer isoform. INPP4B antibody is predicted to not cross-react with INPP4A.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-INPP4B Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-INPP4B Antibody (N-Terminus) - Protein Information**Name** INPP4B**Function**

Catalyzes the hydrolysis of the 4-position phosphate of phosphatidylinositol 3,4-bisphosphate, inositol 1,3,4-trisphosphate and inositol 3,4-trisphosphate (PubMed: [24070612](http://www.uniprot.org/citations/24070612), PubMed: [24591580](http://www.uniprot.org/citations/24591580)). Plays a role in the late stages of macropinocytosis by dephosphorylating phosphatidylinositol 3,4-bisphosphate in membrane ruffles (PubMed: [24591580](http://www.uniprot.org/citations/24591580)). The lipid phosphatase activity is critical for tumor suppressor function. Antagonizes the PI3K-AKT/PKB signaling pathway by dephosphorylating phosphoinositides and thereby modulating cell cycle progression and cell survival (PubMed: [24591580](#)).

href="http://www.uniprot.org/citations/19647222" target="_blank">19647222, PubMed:24070612).

Tissue Location

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

Anti-INPP4B Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-INPP4B Antibody (N-Terminus) - Images