

INPP4B Rabbit mAb

Catalog No: #52369

Package Size: #52369-1 50ul #52369-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	INPP4B Rabbit mAb
Clone No.	S08-7C7
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB;IHC;FC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthesized peptide derived from human INPP4B
Conjugates	Unconjugated
Modification	Unmodification
Other Names	4-bisphosphate 4-phosphatase; Inositol polyphosphate 4 phosphatase type II 105kDa; Inositol polyphosphate 4-phosphatase type II; Inpp4b; MGC132014; Type II inositol 3,4 bisphosphate 4 phosphatase; Type II inositol-3;
Accession No.	Swiss-Prot:O15327GenelD:8821
Uniprot	O15327
GenelD	8821
Calculated MW	Calculated MW: 105 kDa; Observed MW: 105 kDa
Concentration	0.3 mg/ml
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

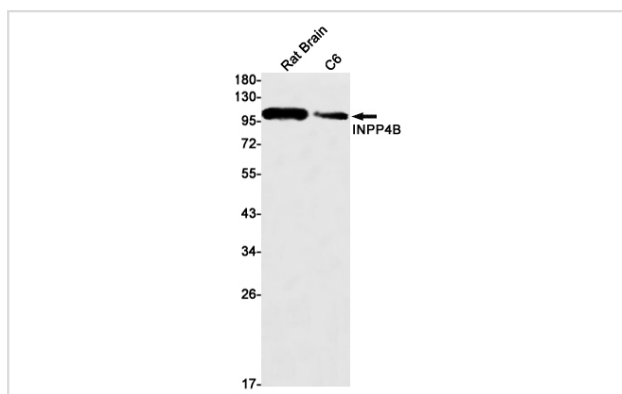
Application Details

WB 1:1000-1:2000

IHC 1:100-1:200

FC 1:20-1:100

Images



Western blot detection of INPP4B in Rat Brain,C6 cell lysates using INPP4B Rabbit mAb(1:1000 diluted).Predicted band size:105kDa.Observed band size:105kDa.

Background

Catalyzes the hydrolysis of the 4-position phosphate of phosphatidylinositol 3,4-bisphosphate, inositol 1,3,4-trisphosphate and inositol 3,4-trisphosphate. Plays a role in the late stages of macropinocytosis by dephosphorylating phosphatidylinositol 3,4-bisphosphate in membrane ruffles. 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

Note: This product is for in vitro research use only