

For Research Use Only

INPP5E Monoclonal antibody

Catalog Number: 68602-1-Ig



Basic Information

Catalog Number: 68602-1-Ig	GenBank Accession Number: BC028032	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 588 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56623	CloneNo.: 2B3D6
Source: Mouse	Full Name: inositol polyphosphate-5-phosphatase, 72 kDa	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG2a	Calculated MW: 644 aa, 70 kDa	
Immunogen Catalog Number: AG11959	Observed MW: 72 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SH-SY5Y cells, HaCaT cells, HEK-293 cells, U-251 cells, HeLa cells
Species Specificity: Human	

Background Information

INPP5E(72 kDa inositol polyphosphate 5-phosphatase) converts phosphatidylinositol 3,4,5-trisphosphate (PtdIns 3,4,5-P3) to PtdIns-P2. In mouse, highest protein expression was in brain, heart, and testis, with lower expression in thymus and lung, and very little expression in kidney, spleen, and liver(PMID:10764818). Defects in INPP5E are the cause of Joubert syndrome type 1 (JBTS1) and mental retardation-truncal obesity-retinal dystrophy-micropenis (MORMS)(PMID:19668215).

Storage

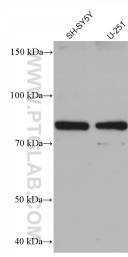
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

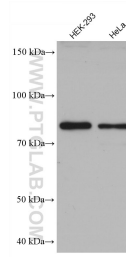
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

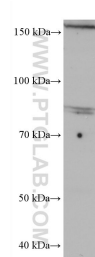
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68602-1-Ig (INPP5E antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 68602-1-Ig (INPP5E antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



HaCaT cells were subjected to SDS PAGE followed by western blot with 68602-1-Ig (INPP5E antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.