

For Research Use Only

INPP5E Monoclonal antibody, PBS Only



Catalog Number: 68602-1-PBS

Basic Information

Catalog Number:

68602-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG11959

GenBank Accession Number:

BC028032

GeneID (NCBI):

56623

UNIPROT ID:

Q9NRR6

Full Name:

inositol polyphosphate-5-phosphatase, 72 kDa

Calculated MW:

644 aa, 70 kDa

Observed MW:

72 kDa

Purification Method:

Protein A purification

CloneNo.:

2B3D6

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

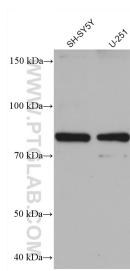
T: 4006900926

E: Proteintech-CN@ptglab.com

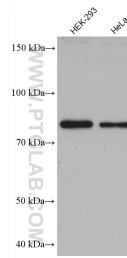
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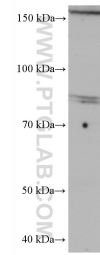
Selected Validation Data



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. This data was developed using the same antibody clone with 68602-1-PBS in a different storage buffer formulation.



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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. This data was developed using the same antibody clone with 68602-1-PBS in a different storage buffer formulation.