

For Research Use Only

INPP5J Polyclonal antibody, PBS Only

Catalog Number: 29949-1-PBS



Basic Information

Catalog Number:

29949-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29242

GenBank Accession Number:

BC109288

GeneID (NCBI):

27124

UNIPROT ID:

Q15735

Full Name:

inositol polyphosphate-5-phosphatase J

Calculated MW:

1006 aa, 107 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

INPP5J(Phosphatidylinositol 4,5-bisphosphate 5-phosphatase A) is also named as PIB5PA, PIPP and belongs to the inositol 1,4,5-trisphosphate 5-phosphatase type II family. INPP5J is a key signalling molecule that regulates dendritic outgrowth through activation of small GTPase signalling via interaction between FRMPD4 and ARHGEF7. It can control the resting membrane potential through a specific ion-channel-receptor-ligand interaction that brings about a large conformational change, analogous to neurotransmitter activation of ion channels at synapses. (PMID:22595022). This protein has 3 isoforms produced by alternative splicing.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

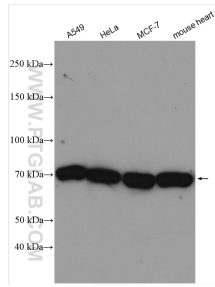
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

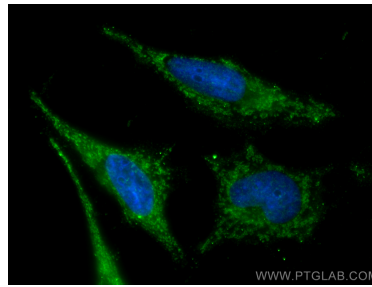
E: proteintech@ptglab.com
W: ptglab.com

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 29949-1-AP (INPP5J antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29949-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using INPP5J antibody (29949-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 29949-1-PBS in a different storage buffer formulation.