

For Research Use Only

INPP5J Polyclonal antibody, PBS Only

Catalog Number: 29949-1-PBS



Basic Information

Catalog Number:

29949-1-PBS

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

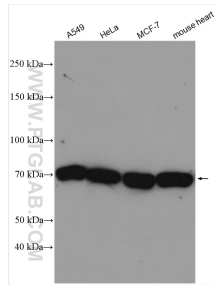
T: 4006900926

E: Proteintech-CN@ptglab.com

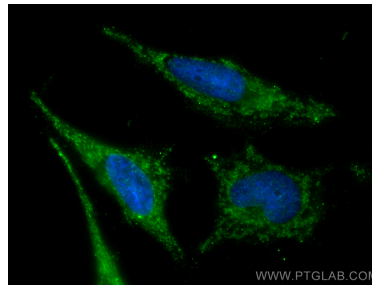
W: ptgcn.com

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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.