

For Research Use Only

IMPA1 Polyclonal antibody, PBS Only

Catalog Number:16593-1-PBS



Basic Information

Catalog Number:

16593-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9632

GenBank Accession Number:

BC008381

GeneID (NCBI):

3612

UNIPROT ID:

P29218

Full Name:

inositol(myo)-1(or 4)-
monophosphatase 1

Calculated MW:

277 aa, 30 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

IMPA1 is an enzyme that dephosphorylates myo-inositol monophosphate to generate free myo-inositol, a precursor of phosphatidylinositol, and is therefore an important modulator of intracellular signal transduction via the production of the second messengers myoinositol 1,4,5-trisphosphate and diacylglycerol.

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:

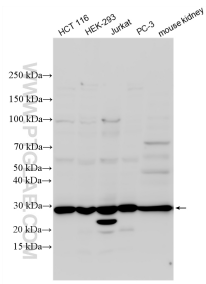
T: 4006900926

E: Proteintech-CN@ptglab.com

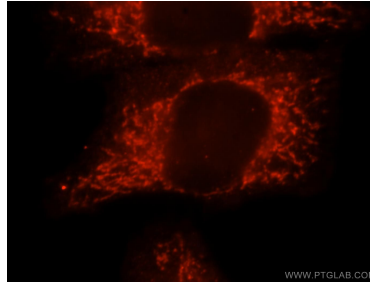
W: ptgcn.com

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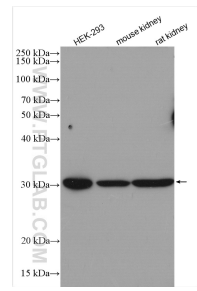
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16593-1-AP (IMPA1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16593-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HepG2 cells, using IMPA1 antibody 16593-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). This data was developed using the same antibody clone with 16593-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 16593-1-AP (IMPA1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16593-1-PBS in a different storage buffer formulation.