

For Research Use Only

ITPR3 Polyclonal antibody, PBS Only

Catalog Number: 20729-1-PBS



Basic Information

Catalog Number:

20729-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002224

GeneID (NCBI):

3710

UNIPROT ID:

Q14573

Full Name:

inositol 1,4,5-triphosphate receptor, type 3

Calculated MW:

304 kDa

Observed MW:

250-300 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

ITPRs family have three members: ITPR1, ITPR2 and ITPR3. For ITPR3, it is associated with cervical squamous cell carcinoma, glioblastoma, cholangiocarcinoma and other cancers. Inositol 1,4,5-triphosphate receptor type 3 (ITPR3) was found to be apical-located in bile duct cells, and disruption of lipid raft in the segregated bile duct unit (IBDU) redistributes ITPR3 and impairs Ca²⁺ waves. (PMID: 35580861, PMID:35852334)

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:

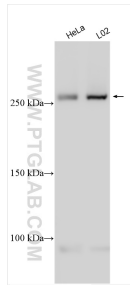
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 20729-1-AP (ITPR3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20729-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 20729-1-AP (ITPR3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20729-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 20729-1-AP (ITPR3 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20729-1-PBS in a different storage buffer formulation.