

For Research Use Only

# ITPR3 Recombinant antibody

Catalog Number: 84693-1-RR



## Basic Information

Catalog Number:

84693-1-RR

Size:

1000 µg/ml

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:

Protein A purification

CloneNo.:

241859B6

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, L02 cells, HepG2 cells

## 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 Ca<sup>2+</sup> waves. (PMID: 35580861, PMID:35852334)

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

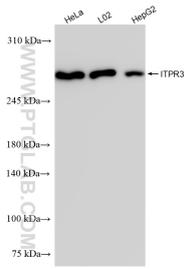
T: 4006900926

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 84693-1-RR (ITPR3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.