

For Research Use Only

# ITPR3 Recombinant antibody

Catalog Number: 84693-1-RR



## Basic Information

<b>Catalog Number:</b> 84693-1-RR	<b>GenBank Accession Number:</b> NM_002224	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3710	<b>CloneNo.:</b> 241859B6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q14573	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> inositol 1,4,5-triphosphate receptor, type 3	
	<b>Calculated MW:</b> 304 kDa	
	<b>Observed MW:</b> 250-300 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, L02 cells, HepG2 cells
<b>Species Specificity:</b> human	

## 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

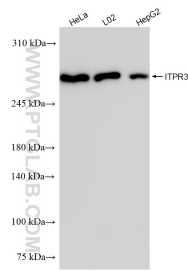
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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