

For Research Use Only

ITPR3 Recombinant antibody, PBS Only

Catalog Number: 84693-1-PBS



Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
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 Ca²⁺ waves. (PMID: 35580861, PMID:35852334)

Storage

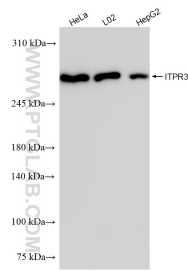
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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. This data was developed using the same antibody clone with 84693-1-PBS in a different storage buffer formulation.