# IP3 Receptor Rabbit mAb

Catalog No: #49582

Package Size: #49582-1 50ul #49582-2 100ul



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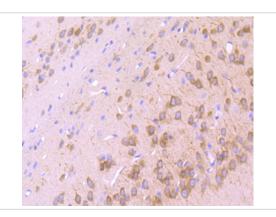
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Product Name	IP3 Receptor Rabbit mAb		
Host Species	Recombinant Rabbit		
Clonality	Monoclonal antibody		
Clone No.	JA11-35		
Purification	ProA affinity purified		
Applications	WB, IHC		
Species Reactivity	Hu, Ms, Rt		
Immunogen Description	recombinant protein		
Other Names	4 antibody 5-trisphosphate receptor antibody 5-trisphosphate receptor type 1 antibody DKFZp313E1334		
	antibody DKFZp313N1434 antibody inositol 1 4 5 triphosphate receptor type 1 antibody Inositol 1 4 5		
	trisphosphate Receptor Type 1 antibody Inositol 1 antibody InsP3R1 antibody IP3 antibody IP3 receptor		
	antibody IP3 receptor isoform 1 antibody IP3R 1 antibody IP3R antibody IP3R1 antibody ITPR 1 antibody		
	Itpr1 antibody ITPR1_HUMAN antibody SCA15 antibody SCA16 antibody SCA29 antibody Type 1 inositol		
	1 4 5 trisphosphate receptor antibody Type 1 inositol 1 antibody Type 1 InsP3 receptor antibody		
Accession No.	Swiss-Prot#:Q14643		
Uniprot	Q14643		
GeneID	3708;		
Calculated MW	314 kDa		
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.		
Storage	Store at -20°C		

## **Application Details**

WB: 1:500 IHC: 1:50-1:200

## **Images**



Immunohistochemical analysis of paraffin-embedded mouse hippocampus tissue using anti-IP3 Receptor antibody. Counter stained with hematoxylin.

## Background

Intracellular channel that mediates calcium release from the endoplasmic reticulum following stimulation by inositol 1,4,5-trisphosphate. Involved in the regulation of epithelial secretion of electrolytes and fluid through the interaction with AHCYL1. Plays a role in ER stress-induced apoptosis. Cytoplasmic calcium released from the ER triggers apoptosis by the activation of CaM kinase II, eventually leading to the activation of downstream apoptosis pathways.

### References

Note: This product is for in vitro research use only