

IP3 Receptor Rabbit mAb

Catalog No: #49582

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

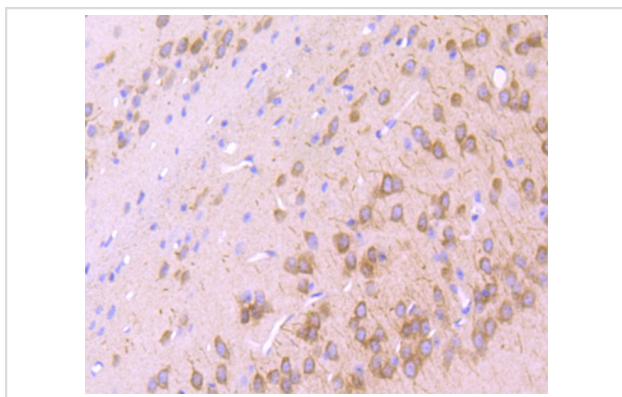
Description

Product Name	IP3 Receptor Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JA11-35
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
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 triphosphate 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 triphosphate receptor antibody Type 1 inositol 1 antibody Type 1 InsP3 receptor antibody
Accession No.	Swiss-Prot#:Q14643
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 and is not intended for use in humans or animals.