

IP3 Receptor Conjugated Antibody

Catalog No: #C49582



Package Size: #C49582-AF350 100ul #C49582-AF405 100ul #C49582-AF488 100ul
 #C49582-AF555 100ul #C49582-AF594 100ul #C49582-AF647 100ul
 #C49582-AF680 100ul #C49582-AF750 100ul #C49582-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	IP3 Receptor Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
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
Uniprot	Q14643
GeneID	3708;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	314 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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.

Note: This product is for in vitro research use only