

ITPR1 Conjugated Antibody

Catalog No: #C37665



Package Size: #C37665-AF350 100ul #C37665-AF405 100ul #C37665-AF488 100ul
 #C37665-AF555 100ul #C37665-AF594 100ul #C37665-AF647 100ul
 #C37665-AF680 100ul #C37665-AF750 100ul #C37665-Biotin 100ul

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Description

Product Name	ITPR1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total ITPR1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human inositol 1,4,5-trisphosphate receptor, type 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ACV; CLA4; IP3R; IP3R1; SCA15; SCA16; SCA29; INSP3R1
Accession No.	Swiss-Prot#:Q14643NCBI Gene ID:3708NCBI Protein#:NP_002206
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
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

This gene encodes an intracellular receptor for inositol 1,4,5-trisphosphate. Upon stimulation by inositol 1,4,5-trisphosphate, this receptor mediates calcium release from the endoplasmic reticulum. Mutations in this gene cause spinocerebellar ataxia type 15, a disease associated with an heterogeneous group of cerebellar disorders. Multiple transcript variants have been identified for this gene.

Note: This product is for in vitro research use only