

## IP3R-I (phospho Ser1598) Polyclonal Antibody

Catalog No: #13791



Package Size: #13791-1 50ul #13791-2 100ul

Orders: order@signalwayantibody.com

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## Description

Product Name	IP3R-I (phospho Ser1598) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF/ICC,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-IP3R-I (S1598) Polyclonal Antibody detects endogenous levels of IP3R-I protein only when phosphorylated at S1598.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Inositol 1,4,5-trisphosphate R1 around the phosphorylation site of Ser1598/1588. AA range:1566-1615
Other Names	ITPR1; INSP3R1; Inositol 1; 4,5-trisphosphate receptor type 1; IP3 receptor isoform 1; IP3R 1; InsP3R1; Type 1 inositol 1,4,5-trisphosphate receptor; Type 1 InsP3 receptor
Accession No.	Swiss Prot:Q14643GeneID:3708
Uniprot	Q14643
GeneID	3708
Calculated MW	313kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

## Background

inositol 1,4,5-trisphosphate receptor type 1 (ITPR1) Homo sapiens 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. [provided by RefSeq, Nov 2009],

Note: This product is for in vitro research use only