

ITPR1 Rabbit Polyclonal Antibody

Catalog No: #29549

Package Size: #29549-1 50ul #29549-2 100ul

Description

Product Name	ITPR1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human ITPR1 (XP_011531985.1).
Conjugates	Unconjugated
Other Names	ITPR1;ACV;CLA4;INSP3R1;IP3R;IP3R1;PPP1R94;SCA15;SCA16;SCA29
Accession No.	Swiss Prot:Q14643GeneID:3708
Calculated MW	306-313kDa
SDS-PAGE MW	315kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

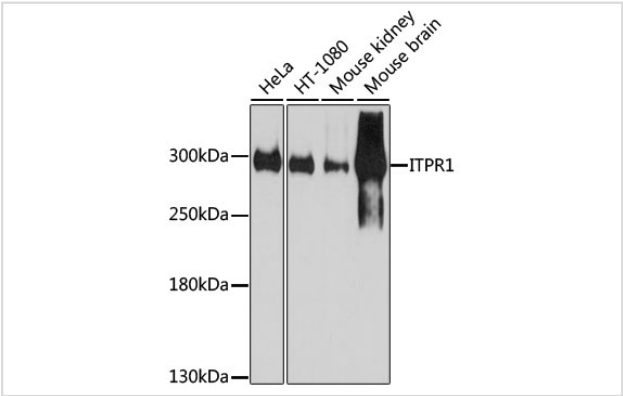
WB□1:500 - 1:2000

IHC□1:50 - 1:200

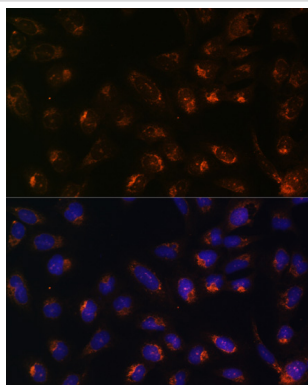
IF□1:50 - 1:100

IP□1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using ITPR1 at 1:1000 dilution.



Immunofluorescence analysis of U-2 OS cells using ITPR1 at dilution of 1:100. Blue: DAPI for nuclear staining.

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 a heterogeneous group of cerebellar disorders. Multiple transcript variants have been identified for this gene.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.