

Rabbit IP3R Polyclonal Antibody | anti-IP3R antibody

IP3R Polyclonal Antibody

CATALOG # AAA179578	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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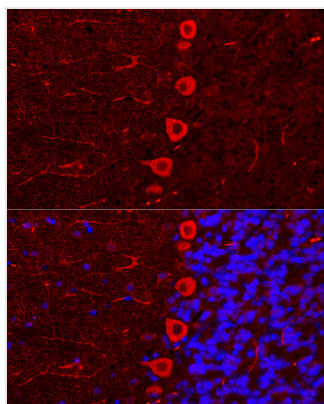
PRODUCT SYNONYMS

IP3R; Polyclonal Antibody; IP3R Polyclonal Antibody; ITPR1; ACV; CLA4; INSP3R1; IP3R1; PPP1R94; SCA15; SCA16; SCA29; inositol 1; 4; 5-trisphosphate receptor type 1; anti-IP3R antibody

PRODUCT SPECIFICATIONS

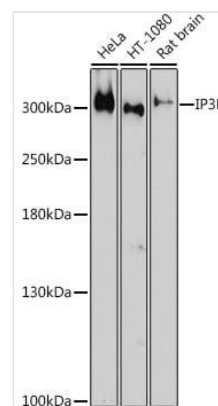
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-IP3R antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human IP3R
Research Area	Cancer, Metabolism, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



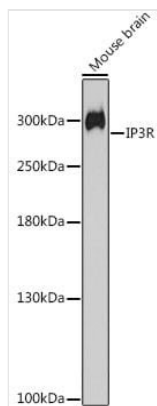
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using IP3R Polyclonal Antibody at dilution of 1:100. Perform microwave antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using IP3R Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of Mouse brain using IP3R Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-IP3R antibody	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.
Product Categories/Family for anti-IP3R antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	269954690
NCBI GeneID	3708
NCBI Accession #	NP_001093422.2
NCBI GenBank Nucleotide #	NM_001099952.2
UniProt Accession #	Q14643 ; Q14660 ; Q99897
Molecular Weight	313,945 Da
NCBI Official Full Name	inositol 1,4,5-trisphosphate receptor type 1 isoform 1
NCBI Official Synonym Full Names	inositol 1,4,5-trisphosphate receptor, type 1
NCBI Official Symbol	ITPR1
NCBI Official Synonym Symbols	IP3R; IP3R1; SCA15; SCA16; SCA29; INSP3R1
NCBI Protein Information	inositol 1,4,5-trisphosphate receptor type 1; IP3R 1; IP3 receptor; type 1 InsP3 receptor; inositol 1,4,5-trisphosphate receptor, type 1; type 1 inositol 1,4,5-trisphosphate receptor
UniProt Protein Name	Inositol 1,4,5-trisphosphate receptor type 1
UniProt Gene Name	ITPR1
UniProt Synonym Gene Names	INSP3R1; IP3R 1; InsP3R1
UniProt Entry Name	ITPR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ip3r-antibody-immunofluorescence-western-blot-elisa/179578>