

Rabbit ITPR1 Polyclonal Antibody | anti-ITPR1 antibody

ITPR1 Polyclonal Antibody

CATALOG # AAA168691	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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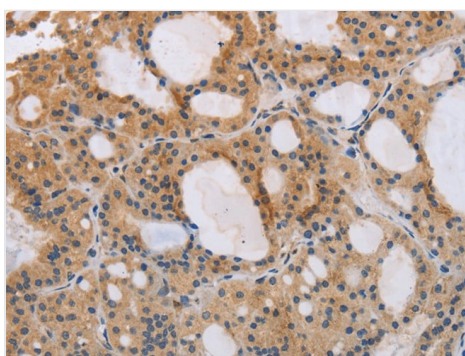
PRODUCT SYNONYMS

ITPR1; Polyclonal Antibody; ITPR1 Polyclonal Antibody; ACV; CLA4; IP3R; IP3R1; SCA15; SCA16; SCA29; INSP3R1; anti-ITPR1 antibody

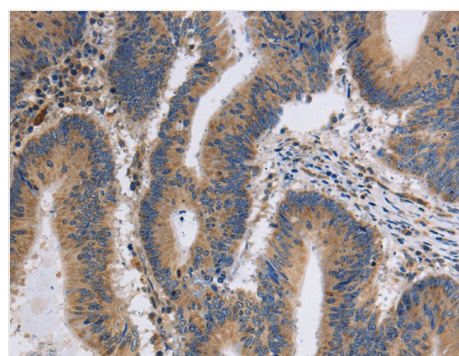
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.1mg/mL (varies by lot)
Sequence Length	721
Applicable Applications for anti-ITPR1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human ITPR1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ITPR1 Polyclonal Antibody at dilution 1:40



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using ITPR1 Polyclonal Antibody at dilution 1:40

ADDITIONAL INFORMATION

Related Product Information for anti-ITPR1 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	219841936
NCBI GeneID	3708
Molecular Weight	309,338 Da
NCBI Official Full Name	ITPR1 protein
NCBI Official Synonym Full Names	inositol 1,4,5-trisphosphate receptor, type 1
NCBI Official Symbol	ITPR1
NCBI Official Synonym Symbols	ACV; CLA4; IP3R; IP3R1; SCA15; SCA16; SCA29; INSP3R1; PPP1R94
NCBI Protein Information	inositol 1,4,5-trisphosphate receptor type 1; IP3 receptor; IP3R 1; inositol 1,4,5-triphosphate receptor, type 1; protein phosphatase 1, regulatory subunit 94; type 1 InsP3 receptor; 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; Type 1 InsP3 receptor
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.