

Rabbit anti-Human ITPR2 Polyclonal Antibody | anti-ITPR2 antibody

ITPR2 Polyclonal Antibody

CATALOG # AAA168116	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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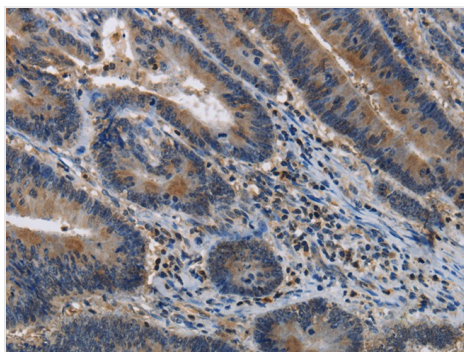
PRODUCT SYNONYMS

ITPR2; Polyclonal Antibody; ITPR2 Polyclonal Antibody; IP3R2; anti-ITPR2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	2701
Applicable Applications for anti-ITPR2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human ITPR2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using ITPR2 Polyclonal Antibody at dilution 1:40

ADDITIONAL INFORMATION

Related Product Information for anti-ITPR2 antibody	Inositol 1, 4, 5-triphosphate (IP3) functions as a second messenger for a myriad of extracellular stimuli including hormones, growth factors and neurotransmitters. Receptor tyrosine kinases indirectly increase the intracellular levels of IP3 through the activation of phospholipases such as phospholipase C (PLC), which convert phosphatidylinositol-4, 5 biphosphate into IP3 and diacylglycerol (DAG). The inositol 1, 4, 5-triphosphate receptor, IP3R, acts as an inositol triphosphate (IP3)-gated calcium release channel in a variety of cell types. Three IP3 receptor subtypes have been described and are designated IP3R-I, IP3R-II and IP3R-III. IP3R-I is the predominant IP3R subtype expressed in neuronal tissues and the central nervous system, but is also expressed at high levels in the liver.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	95147335
NCBI GeneID	3709
NCBI Accession #	NP_002214
NCBI GenBank Nucleotide #	NM_002223.2
Molecular Weight	20,608 Da
NCBI Official Full Name	inositol 1,4,5-trisphosphate receptor type 2
NCBI Official Synonym Full Names	inositol 1,4,5-trisphosphate receptor, type 2
NCBI Official Symbol	ITPR2
NCBI Official Synonym Symbols	IP3R2; CFAP48
NCBI Protein Information	inositol 1,4,5-trisphosphate receptor type 2; IP3 receptor; IP3R 2; cilia and flagella associated protein 48; inositol 1,4,5-triphosphate receptor, type 2; insP3R2; type 2 InsP3 receptor; type 2 inositol 1,4,5-trisphosphate receptor
UniProt Protein Name	Inositol 1,4,5-trisphosphate receptor type 2
UniProt Gene Name	ITPR2
UniProt Synonym Gene Names	IP3R 2; InsP3R2; Type 2 InsP3 receptor
UniProt Entry Name	ITPR2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/itpr2-antibody-immunohistochemistry-elisa/168116>