

Rabbit ITPR2 Polyclonal Antibody | anti-ITPR2 antibody

ITPR2 Polyclonal Antibody

CATALOG # AAA175008	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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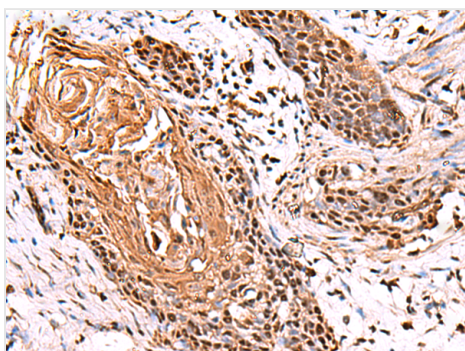
PRODUCT SYNONYMS

ITPR2; Polyclonal Antibody; ITPR2 Polyclonal Antibody; 4; 5-trisphosphate receptor; Inositol 1 4 5 trisphosphate receptor type 2; Inositol 1; 5-trisphosphate receptor type 2; Inositol 145 trisphosphate receptor type 2; InsP3 R2; InsP3R2; IP3 R2; IP3 receptor; IP3 receptor isoform 2; IP3R 2; IP3R2; ITPR 2; Itpr2; Type 2 inositol 1 4 5 trisphosphate receptor; Type 2 inositol 1; Type 2 inositol 145 trisphosphate receptor; Type 2 InsP3 receptor; anti-ITPR2 antibody

PRODUCT SPECIFICATIONS

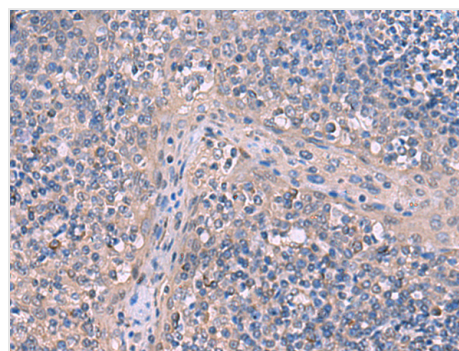
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	1.86mg/mL (varies by lot)
Sequence Length	2701
Applicable Applications for anti-ITPR2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human ITPR2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ITPR2 Polyclonal Antibody at dilution of 1:65(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using ITPR2 Polyclonal Antibody at dilution of 1:65(×200)

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 bisphosphate 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.
Product Categories/Family for anti-ITPR2 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	95147335
NCBI GeneID	3709
NCBI Accession #	NP_002214.2
NCBI GenBank Nucleotide #	NP_002214.2
UniProt Accession #	Q14571
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	ANHD; IP3R2; CFAP48; INSP3R2
NCBI Protein Information	inositol 1,4,5-trisphosphate receptor type 2
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.