

Rabbit ITPR2 Polyclonal Antibody | anti-ITPR2 antibody

ITPR2 Polyclonal Antibody

CATALOG # AAA179215	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	--	---

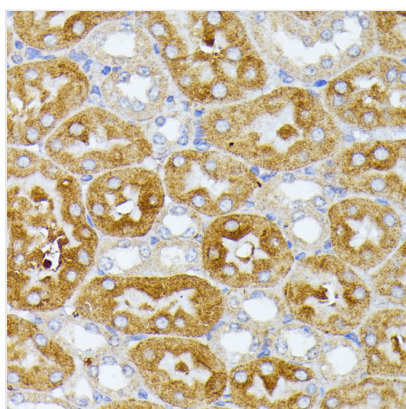
PRODUCT SYNONYMS

ITPR2; Polyclonal Antibody; ITPR2 Polyclonal Antibody; ANHD; CFAP48; INSP3R2; IP3R2; anti-ITPR2 antibody

PRODUCT SPECIFICATIONS

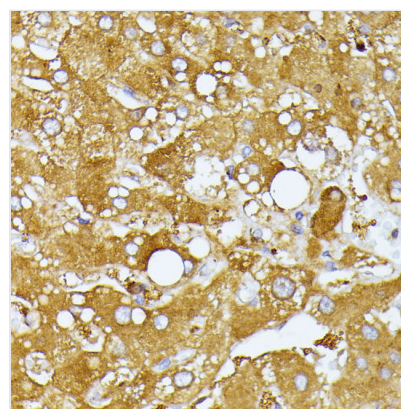
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ITPR2 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein of human ITPR2
Research Area	Cancer, Metabolism, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



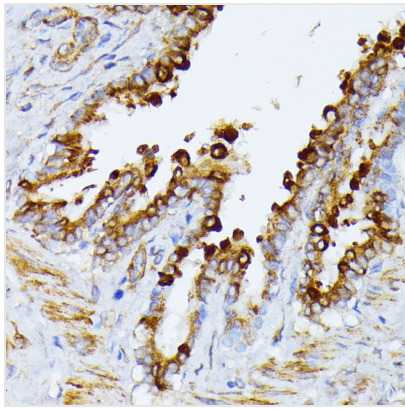
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using ITPR2 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using ITPR2 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using ITPR2 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

ADDITIONAL INFORMATION

Related Product Information for anti-ITPR2 antibody	The protein encoded by this gene belongs to the inositol 1,4,5-triphosphate receptor family, whose members are second messenger intracellular calcium release channels. These proteins mediate a rise in cytoplasmic calcium in response to receptor activated production of inositol triphosphate. Inositol triphosphate receptor-mediated signaling is involved in many processes including cell migration, cell division, smooth muscle contraction, and neuronal signaling. This protein is type 2 receptor that consists of a cytoplasmic amino-terminus that binds inositol triphosphate, six membrane-spanning helices that contribute to the ion pore, and a short cytoplasmic carboxy-terminus. A mutation in this gene has been associated with anhidrosis, suggesting that intracellular calcium release mediated by this protein is required for eccrine sweat production. [provided by RefSeq, Apr 2015]
Product Categories/Family for anti-ITPR2 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	95147335
NCBI GeneID	3709
NCBI Accession #	NP_002214.2
NCBI GenBank Nucleotide #	NM_002223.2
UniProt Accession #	Q14571 ; O94773
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; IP3R 2; insP3R2; IP3 receptor; type 2 InsP3 receptor; cilia and flagella associated protein 48; inositol 1,4,5-trisphosphate receptor, type 2; 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/179215>