

Rabbit ITPR2 Polyclonal Antibody | anti-ITPR2 antibody

ITPR2 Rabbit pAb

CATALOG # AAA282340	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	--	---

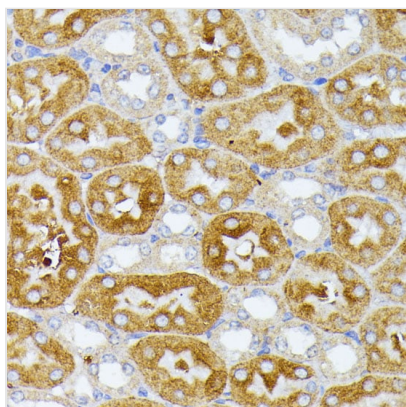
PRODUCT SYNONYMS

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

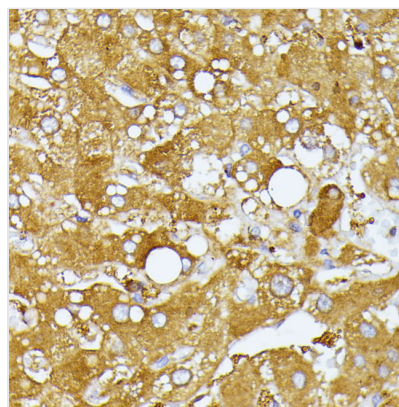
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Sequence	MEDLEEDVRF IVDETLDFGG LSPSDSREEE DITVLVTEPK PLRRGLSHRS DPNVAVAPQ GVRLSLGPLS PEKLEEILDE ANRLAAQLEQ CALQDRESAG EGLGPRRVKP SPRRETFVLK DSPVRDLLPT VNSLTRSTPS PSSLTPLRLS NDRKGSVRAL RATSGKRPSN MKRESPTCNL FPASKSPASS PLTRSTPPVR GRAGPSGRAA ASEET
Applicable Applications for anti-ITPR2 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 2415-2480 of human ITPR2 (NP_002214.2).
Cellular Location	cell cortex, endoplasmic reticulum, nucleoplasm, plasma membrane
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

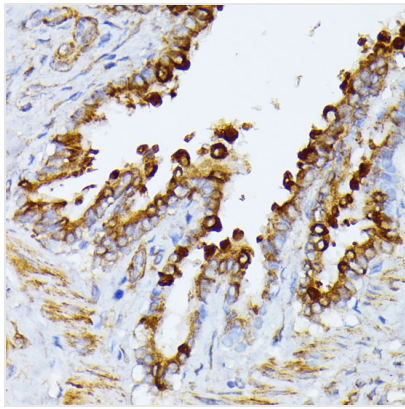
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using ITPR2 antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using ITPR2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
 Immunohistochemistry of paraffin-embedded rat lung using ITPR2 antibody at dilution of 1:100 (40x lens).

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 a 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	B Cell Receptor Signaling Pathway ; Calcium Signaling ; Cancer ; Endocrine & Metabolism ; Immunology & Inflammation ; Neurodegenerative Diseases ; Neuroscience ; Phospholipase Signaling Pathway ; Signal Transduction ; T Cell Receptor Signaling Pathway ; Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	73858561
NCBI GeneID	84722
NCBI Accession #	NP_001027462.1
NCBI GenBank Nucleotide #	NM_001032291.2
UniProt Accession #	Q6PGN9; Q5T2Z3; Q6ZTI8; Q71MG3; Q9BV77
Molecular Weight	35,632 Da
NCBI Official Full Name	proline/serine-rich coiled-coil protein 1 isoform a
NCBI Official Synonym Full Names	proline and serine rich coiled-coil 1
NCBI Official Symbol	PSRC1
NCBI Official Synonym Symbols	DDA3; FP3214
NCBI Protein Information	proline/serine-rich coiled-coil protein 1
UniProt Protein Name	Proline/serine-rich coiled-coil protein 1
UniProt Gene Name	PSRC1
UniProt Synonym Gene Names	DDA3

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.

