

Goat ITPR2 / IP3 Receptor Polyclonal Antibody | anti-ITPR2 antibody

Goat Polyclonal to Human ITPR2 / IP3 Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50979	Goat	Gibbon, Gorilla, Human, Monkey Predicted Reactivity: Bat, Bovine, Dog, Horse, Pig, Rabbit (at least 90% immunogen sequence identity)	ELISA, Immunohistochemistry

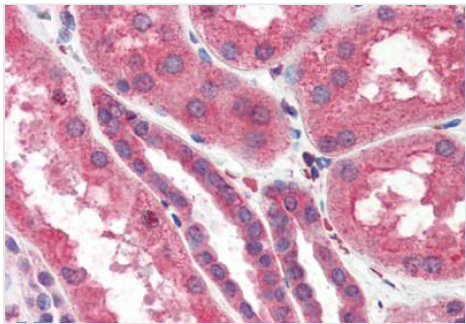
PRODUCT SYNONYMS

ITPR2 / IP3 Receptor; Polyclonal Antibody; Goat Polyclonal to Human ITPR2 / IP3 Receptor; Anti-ITPR2 / IP3 Receptor Antibody (Internal) IHC-plus; ITPR2; IP3R 2; InsP3R2; IP3R2; InsP3R type II; IP3 receptor; InsP3R type 2; IP3 receptor isoform 2; Type 2 InsP3 receptor; Human ITPR2; IP3 Receptor; anti-ITPR2 antibody

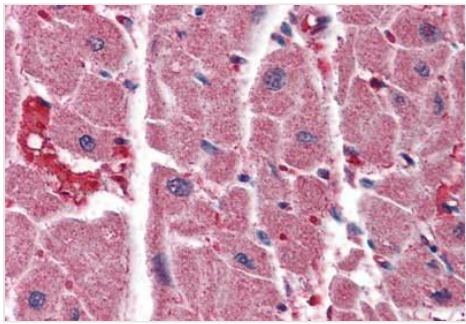
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Gibbon, Gorilla, Human, Monkey Predicted Reactivity: Bat, Bovine, Dog, Horse, Pig, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ITPR2. No cross-reactivity expected with other types of ITPR.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	2701
Applicable Applications for anti-ITPR2 antibody	ELISA, IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-PIEESNILSPVQD from an internal region of human ITPR2 (NP_002214.2). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%); Panda, Bat, Dog, Bovine, Rabbit, Horse, Pig, Opossum (92%); Turkey, Chicken (85%).
Immunogen Type	Synthetic peptide
Immunogen	ITPR2 / IP3 Receptor antibody was raised against synthetic peptide C-PIEESNILSPVQD from an internal region of human ITPR2 (NP_002214.2). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%); Panda, Bat, Dog, Bovine, Rabbit, Horse, Pig, Opossum (92%); Turkey, Chicken (85%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

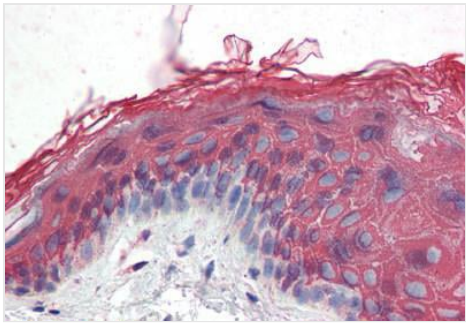
IMAGES



IHC (Immunohistochemistry)
Anti-ITPR2 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 75 ug/ml.



IHC (Immunohistochemistry)
Anti-ITPR2 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 75 ug/ml.



IHC (Immunohistochemistry)
Anti-ITPR2 antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 75 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ITPR2 antibody	Family: Ion Channel; Subfamily: Inositol 1; 4; 5-triphosphate receptor
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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-triphosphate 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/itpr2-ip3-receptor-antibody-immunohistochemistry-elisa/50979>