

Goat KCNN4 / KCa3.1 Polyclonal Antibody | anti-KCNN4 antibody

Goat Polyclonal to Human KCNN4 / KCa3.1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51613	Goat	Gibbon, Bovine, Dog, Gorilla, Human, Rabbit Predicted Reactivity: Monkey, Mouse, Rat, Bat, Guinea pig, Pig (at least 90% immunogen sequence identity)	Immunohistochemistry

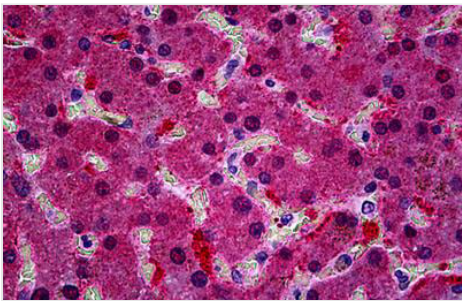
PRODUCT SYNONYMS

KCNN4 / KCa3.1; Polyclonal Antibody; Goat Polyclonal to Human KCNN4 / KCa3.1; Anti-KCNN4 / KCa3.1 Antibody (aa227-239) IHC-plus; KCNN4; HIKCa1; HKCa4; HIK1; IK1; KCA4; HSK4; IKCA1; KCa3.1; SK4; SKCa 4; Putative Gardos channel; SKCa4; Human KCNN4; anti-KCNN4 antibody

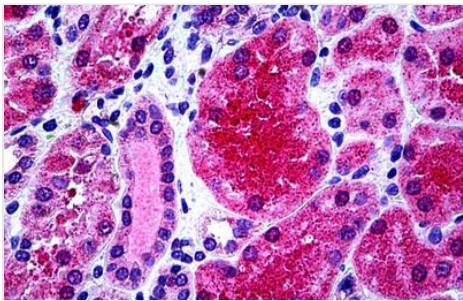
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Gibbon, Bovine, Dog, Gorilla, Human, Rabbit Predicted Reactivity: Monkey, Mouse, Rat, Bat, Guinea pig, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human KCNN4.
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	427
Applicable Applications for anti-KCNN4 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-ERQAVNATGHLSD from positions 227-239 of human KCNN4 (NP_002241.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Elephant, Panda, Bovine, Dog, Rabbit (100%); Monkey, Mouse, Rat, Bat, Pig, Guinea pig (92%).
Immunogen Type	Synthetic peptide
Immunogen	KCNN4 / KCa3.1 antibody was raised against synthetic peptide C-ERQAVNATGHLSD from positions 227-239 of human KCNN4 (NP_002241.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Elephant, Panda, Bovine, Dog, Rabbit (100%); Monkey, Mouse, Rat, Bat, Pig, Guinea pig (92%).
Antigen Modification	aa227-239
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

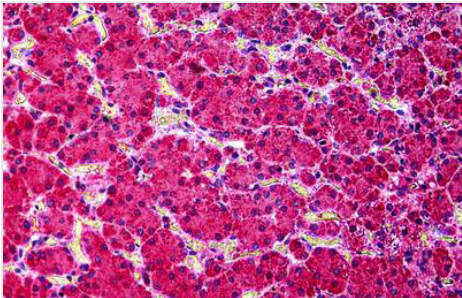
IMAGES



IHC (Immunohistochemisry)
Anti-KCNN4 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.



IHC (Immunohiostchemistry)
Anti-KCNN4 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.



IHC (Immunohistochemistry)
Anti-KCNN4 antibody IHC of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-KCNN4 antibody	Caution: The Kcnn4 synonym, IK1, also is used to describe the cardiac inward rectifier current.
Product Categories/Family for anti-KCNN4 antibody	Family: Ion Channel; Subfamily: Potassium channel - calcium-activated

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504859
NCBI GeneID	3783
NCBI Accession #	NP_002241.1
NCBI GenBank Nucleotide #	NM_002250.2
UniProt Accession #	O15554; Q53XR4
Molecular Weight	47,696 Da
NCBI Official Full Name	intermediate conductance calcium-activated potassium channel protein 4
NCBI Official Synonym Full Names	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4
NCBI Official Symbol	KCNN4
NCBI Official Synonym Symbols	IK1; SK4; KCA4; hSK4; IKCA1; hKCa4; KCa3.1; hIKCa1
NCBI Protein Information	intermediate conductance calcium-activated potassium channel protein 4; SKCa4; SKCa 4; putative Gardos channel; putative erythrocyte intermediate conductance calcium-activated potassium Gardos channel
UniProt Protein Name	Intermediate conductance calcium-activated potassium channel protein 4

UniProt Gene Name	KCNN4
UniProt Synonym Gene Names	IK1; IKCA1; KCA4; SK4; SK4; SKCa 4; SKCa4; IK1
UniProt Entry Name	KCNN4_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/kcnn4-kca31-antibody-immunohistochemistry-elisa/51613>