

Rabbit anti-Human Intermediate conductance calcium-activated potassium channel protein 4 Polyclonal Antibody | anti-KCNN4 antibody

Rabbit anti-human Intermediate conductance calcium-activated potassium channel protein 4 polyclonal Antibody(KCNN4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119007	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

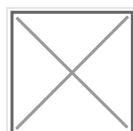
PRODUCT SYNONYMS

Intermediate conductance calcium-activated potassium channel protein 4; Polyclonal Antibody; Rabbit anti-human Intermediate conductance calcium-activated potassium channel protein 4 polyclonal Antibody(KCNN4); SK4; SKCa 4; SKCa4; IKCa1; IK1; KCa3.1; KCa4; Putative Gardos channel; KCNN4; IKCA1; KCA4; anti-KCNN4 antibody

PRODUCT SPECIFICATIONS

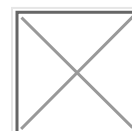
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-KCNN4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Species	Human
Research Area	Neuroscience
Target Names	KCNN4
Immunogen	Recombinant human Intermediate conductance calcium-activated potassium channel protein 4 protein (288-427aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27080 / sc-27081 / sc-27082 / sc-32949
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA119007 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA119007 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectum using AAA119007 at dilution 1:100



WB (Western Blot)

All lanes: Intermediate conductance calcium-activated potassium channel protein 4 antibody at 8ug/ml+human serumSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 48kDaObserved band size: 48kDa

ADDITIONAL INFORMATION

Related Product Information for anti-KCNN4 antibody

Forms a voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization which promotes calcium influx. Required for maximal calcium influx and proliferation during the reactivation of naive T-cells. The channel is blocked by clotrimazole and charybdotoxin but is insensitive to apamin.

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
NCBI Official Full Name	intermediate conductance calcium-activated potassium channel protein 4
NCBI Official Synonym Full Names	potassium calcium-activated channel subfamily N member 4
NCBI Official Symbol	KCNN4
NCBI Official Synonym Symbols	IK; IK1; SK4; KCA4; hSK4; IKCA1; hKCa4; KCa3.1; hIKCa1
NCBI Protein Information	intermediate conductance calcium-activated potassium channel protein 4
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/intermediate-conductance-calcium-activated-potassium-channel-protein-4-antibody-immunohistochemistry-western-blot-elisa/119007>