

Rabbit KCNN4 Polyclonal Antibody | anti-KCNN4 antibody

KCNN4 (SK4) Polyclonal Antibody

CATALOG # AAA173790	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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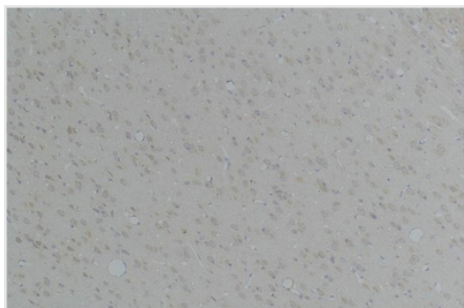
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

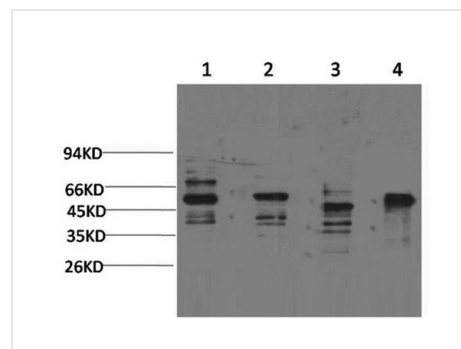
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	427
Applicable Applications for anti-KCNN4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide
Buffer	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain tissue using KCNN4 (SK4) Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of 1) Rat brain, 2) Mouse brain, 3) K562, 4) HepG2 using KCNN4 (SK4) Polyclonal Antibody at dilution of 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-KCNN4 antibody	The protein encoded by this gene is part of a potentially heterotetrameric voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. The encoded protein may be part of the predominant calcium-activated potassium channel in T-lymphocytes. This gene is similar to other KCNN family potassium channel genes, but it differs enough to possibly be considered as part of a new subfamily.
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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	50kDa
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; DHS2; 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

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/kcnn4-antibody-immunohistochemistry-western-blot-elisa/173790>