

Rabbit KCNN2 (SK2) Polyclonal Antibody | anti-KCNN2 antibody

KCNN2 (SK2) Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319010	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

KCNN2 (SK2); Polyclonal Antibody; KCNN2 (SK2) Rabbit Polyclonal Antibody; YM3565; BH6842; anti-KCNN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	KCNN2 (SK2) protein (A244) detects endogenous levels of KCNN2 (SK2)
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-KCNN2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of KCNN2 (SK2)
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



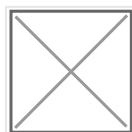
WB (Western Blot)

Western blot analysis of 1) Rat Brain Tissue, 2) Mouse Brain Tissue, 3) HepG2 with KCNN2(SK2) Rabbit pAb diluted at 1:2,000.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Brain Tissue using KCNN2(SK2) Rabbit pAb diluted at 1:200.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using KCNN2(SK2) Rabbit pAb diluted at 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-KCNN2 antibody	potassium calcium-activated channel subfamily N member 2 (KCNN2) Homo sapiens Action potentials in vertebrate neurons are followed by an afterhyperpolarization (AHP) that may persist for several seconds and may have profound consequences for the firing pattern of the neuron. Each component of the AHP is kinetically distinct and is mediated by different calcium-activated potassium channels. The protein encoded by this gene is activated before membrane hyperpolarization and is thought to regulate neuronal excitability by contributing to the slow component of synaptic AHP. This gene is a member of the KCNN family of potassium channel genes. The encoded protein is an integral membrane protein that forms a voltage-independent calcium-activated channel with three other calmodulin-binding subunits. Alternate splicing of this gene results in multiple transcript variants. [provided by RefSeq, May 2013]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	501353609
NCBI GeneID	3781
NCBI Accession #	NP_001265133.1
NCBI GenBank Nucleotide #	NM_001278204.1
UniProt Accession #	Q6PJI0; Q0VFZ4; Q6X2Y2; A6NF94; Q9H2S1
Molecular Weight	26,341 Da
NCBI Official Full Name	small conductance calcium-activated potassium channel protein 2 isoform b
NCBI Official Synonym Full Names	potassium calcium-activated channel subfamily N member 2
NCBI Official Symbol	KCNN2
NCBI Official Synonym Symbols	SK2; hSK2; SKCA2; KCa2.2; SKCa 2
NCBI Protein Information	small conductance calcium-activated potassium channel protein 2
UniProt Protein Name	Small conductance calcium-activated potassium channel protein 2
UniProt Gene Name	KCNN2
UniProt Synonym Gene Names	SK2; SKCa 2; SKCa2

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/kcnn2-sk2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/319010>