

Rabbit KCNN2 Polyclonal Antibody | anti-KCNN2 antibody

KCNN2 Polyclonal Antibody

CATALOG # AAA175022	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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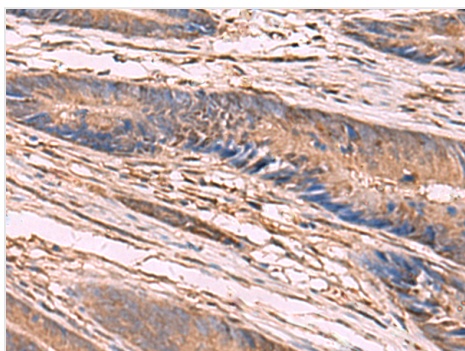
PRODUCT SYNONYMS

KCNN2; Polyclonal Antibody; KCNN2 Polyclonal Antibody; Apamin sensitive small conductance Ca²⁺ activated potassium; Apamin sensitive small conductance Ca²⁺ activated potassium channel; HSK2; KCa2.2; Kcnn2; Potassium intermediate/small conductance calcium activated; Potassium intermediate/small conductance calcium activated channel subfamily N member 2; SK2; SKCa 2; SKCa2; Small conductance calcium activated potassium channel; Small conductance calcium activated potassium channel protein 2; Small conductance calcium-activated potassium channel protein 2; anti-KCNN2 antibody

PRODUCT SPECIFICATIONS

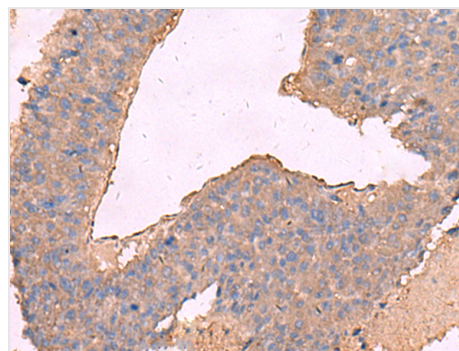
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.86mg/mL (varies by lot)
Applicable Applications for anti-KCNN2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human KCNN2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using KCNN2 Polyclonal Antibody at dilution of 1:65(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using KCNN2 Polyclonal Antibody at dilution of 1:65(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-KCNN2 antibody	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. KCNN2 (Potassium Calcium-Activated Channel Subfamily N Member 2) is a Protein Coding gene. Among its related pathways are Serotonergic synapse and Bile secretion. GO annotations related to this gene include protein homodimerization activity and ion channel activity. An important paralog of this gene is KCNN3.
Product Categories/Family for anti-KCNN2 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	578810350
NCBI GeneID	3781
UniProt Accession #	Q9H2S1
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
UniProt Entry Name	KCNN2_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.