

Rabbit KCNN2 Polyclonal Antibody | anti-KCNN2 antibody

KCNN2 Antibody

CATALOG # AAA310792	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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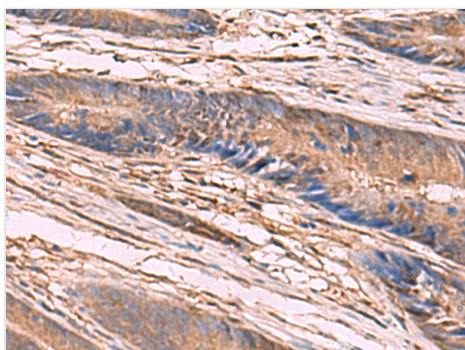
PRODUCT SYNONYMS

KCNN2; Polyclonal Antibody; KCNN2 Antibody; SK2; hSK2; SKCA2; KCa2.2; SKCa 2; anti-KCNN2 antibody

PRODUCT SPECIFICATIONS

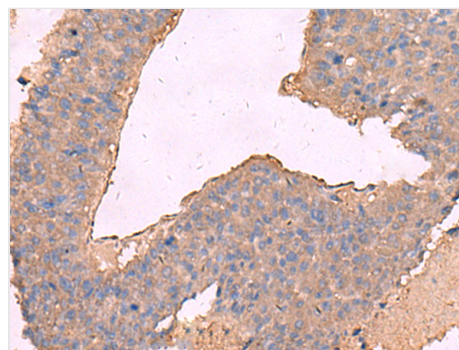
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total KCNN2 protein.
Purity/Purification	Antigen affinity purification
Form/Format	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	1.9 mg/mL (varies by lot)
Sequence Length	231
Applicable Applications for anti-KCNN2 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human KCNN2
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 47688(KCNN2 Antibody) at dilution 1/65.(Original magnification: 200



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 47688(KCNN2 Antibody) at dilution 1/65.(Original magnification: 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.
Product Categories/Family for anti-KCNN2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	501353609
NCBI GeneID	3781
NCBI Accession #	NP_001265133.1
NCBI GenBank Nucleotide #	NM_001278204.1
UniProt Accession #	Q9H2S1; Q0VFZ4; Q6PJI0; Q6X2Y2; A6NF94
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-antibody-immunohistochemistry-elisa/310792>