

Goat KCNN2 Polyclonal Antibody | anti-KCNN2 antibody

Goat anti-KCNN2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61432	Goat	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow	Immunohistochemistry, Western Blot, ELISA

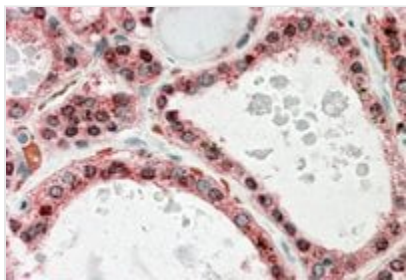
PRODUCT SYNONYMS

KCNN2; Polyclonal Antibody; Goat anti-KCNN2 Antibody; potassium intermediate/small conductance calcium-activated channel; subfamily N; member 2; KCa2.2; SK2; SKCA2; hSK2; apamin-sensitive small-conductance Ca²⁺-activated potassium channel; small conductance calcium-activated potassium channel protein; KCNN2 antibody; member 2 antibody; KCa2.2 antibody; SK2 antibody; SKCA2 antibody; hSK2 antibody; apamin-sensitive small-conductance Ca²⁺-activated potassium channel antibody; small conductance calcium-activated potassium channel protein 2 antibody; anti-KCNN2 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	ESYDKHVTYN AER
Sequence Length	579
Applicable Applications for anti-KCNN2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-ESYDKHVTYNAER, from the internal region of the protein sequence according to NP_067627.2; NP_740721.1.
Epitope	Internal region
Note	This antibody is expected to recognize both isoforms (NP_067627.2; NP_740721.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
3.8ug/ml staining of paraffin embedded Human Thyroid Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
0.3ug/ml staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777645
NCBI GeneID	3781
NCBI Accession #	NP_067627.2; NP_740721.1
NCBI GenBank Nucleotide #	NM_021614.3
Molecular Weight	26,341 Da
NCBI Official Full Name	small conductance calcium-activated potassium channel protein 2 isoform a
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.