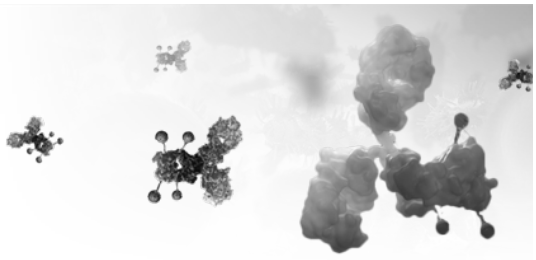

Goat anti-Human KCNN2 polyclonal antibody (DPABH-19973)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Forms a voltage-independent potassium channel activated by intracellular calcium. Activation is followed by membrane hyperpolarization. Thought to regulate neuronal excitability by contributing to the slow component of synaptic afterhyperpolarization. The channel is blocked by apamin.
Specificity	Recognizes both Human isoforms (NP_067627.2 and NP_740721.1)
Immunogen	Synthetic peptide: C-ESYDKHVTYNAER, corresponding to internal amino acids 546 - 557 of Human KCNN2 (NP_067627.2) and 197 - 209 of Human KCNN2 isoform b (NP_740721.1).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, WB
Format	Liquid
Size	100 µg
Buffer	Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

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GENE INFORMATION

Gene Name	KCNN2 potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2 [Homo sapiens]
Official Symbol	KCNN2
Synonyms	KCNN2; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2; small conductance calcium-activated potassium channel protein 2; hSK2; KCa2.2; SKCa 2; apamin-sensitive small-conductance Ca2+-activated potassium channel; SK2; SKCA2;
Entrez Gene ID	3781
Protein Refseq	NP_067627
UniProt ID	Q9H2S1
Chromosome Location	5q22.3
Pathway	Bile secretion; Ca2+ activated K+ channels; Neuronal System; Potassium Channels; Serotonergic synapse;
Function	calmodulin binding; ion channel activity; potassium channel activity; small conductance calcium-activated potassium channel activity;

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