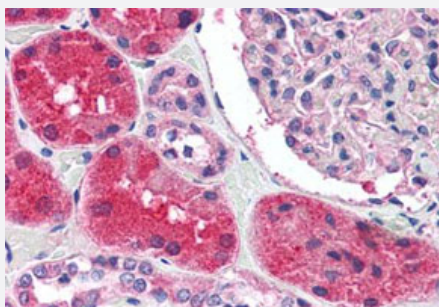


KCNN2 polyclonal antibody

Catalog # PAB27742

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human kidney tissue with KCNN2 polyclonal antibody (Cat # PAB27742). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of KCNN2.
Immunogen	A synthetic peptide corresponding to 18 amino acid at C-terminus of human KCNN2.
Host	Rabbit
Reactivity	Human, Monkey
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — KCNN2

Entrez GeneID	3781
Protein Accession#	Q9H2S1
Gene Name	KCNN2
Gene Alias	KCa2.2, SK2, SKCA2, hSK2
Gene Description	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2
Omim ID	605879
Gene Ontology	Hyperlink
Gene Summary	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. The encoded protein is an integral membrane protein that forms a voltage-independent calcium-activated channel with three other calmodulin-binding subunits. This gene is a member of the KCNN family of potassium channel genes. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	apamin-sensitive small-conductance Ca ²⁺ -activated potassium channel small conductance calcium-activated potassium channel protein 2