KCNN2 Antibody

Catalog No: #47688

Orders: order@signalwayantibody.com
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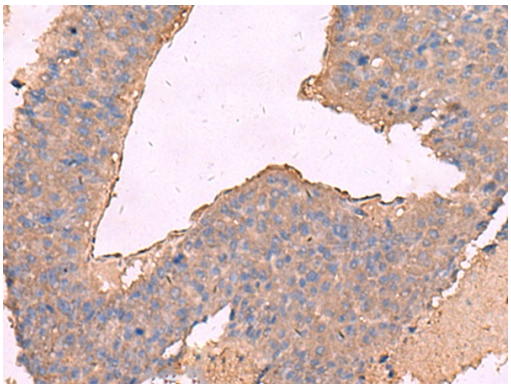
Description

Product Name	KCNN2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu, Ms, Rt
Specificity	The antibody detects endogenous levels of total KCNN2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human KCNN2
Target Name	KCNN2
Other Names	SK2; hSK2; SKCA2; KCa2.2; SKCa 2
Accession No.	Swiss-Prot#:Q9H2S1NCBI Gene ID:3781Gene Accssion:NP_067627
Uniprot	Q9H2S1
GeneID	3781;
Concentration	1.9
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

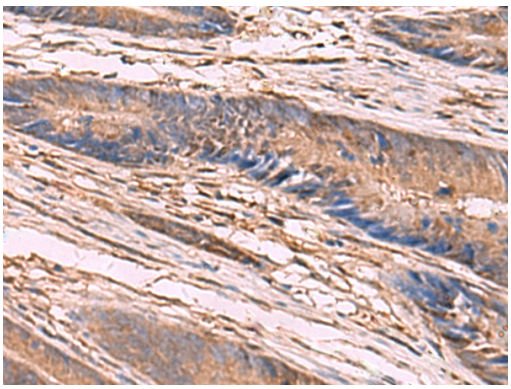
Application Details

IHC dilution:1: 50-300

Images



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



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

Background

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.

Note: This product is for in vitro research use only