

KCNN4 Antibody

Catalog No: #32529

Package Size: #32529-1 50ul #32529-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

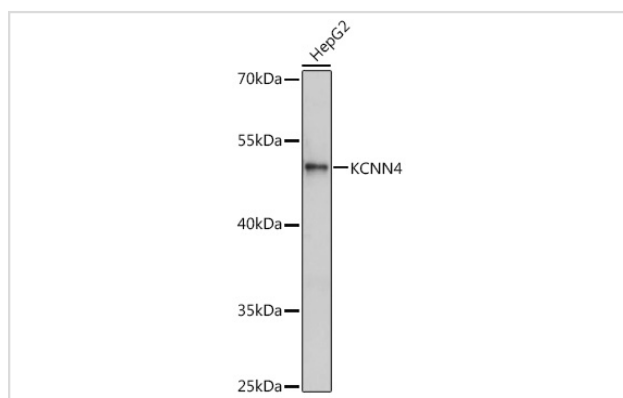
Description

Product Name	KCNN4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total KCNN4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human KCNN4.
Target Name	KCNN4
Other Names	IK1; SK4; KCA4; hSK4; IKCA1
Accession No.	Swiss-Prot:O15554NCBI Gene ID:3783
Uniprot	O15554
GeneID	3783;
SDS-PAGE MW	47KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of HepG2 cells, using KCNN4 at 1:1000 dilution.

Background

The protein encoded by this gene is part of a potentially heterotetrameric voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. The encoded protein may be part of the predominant calcium-activated potassium channel in T-lymphocytes. This gene is similar to other KCNN family potassium channel genes, but it differs enough to possibly be considered as part of a new subfamily.

Note: This product is for in vitro research use only