KCNK9 Antibody

Catalog No: #37678

Package Size: #37678-1 50ul #37678-2 100ul

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

Description

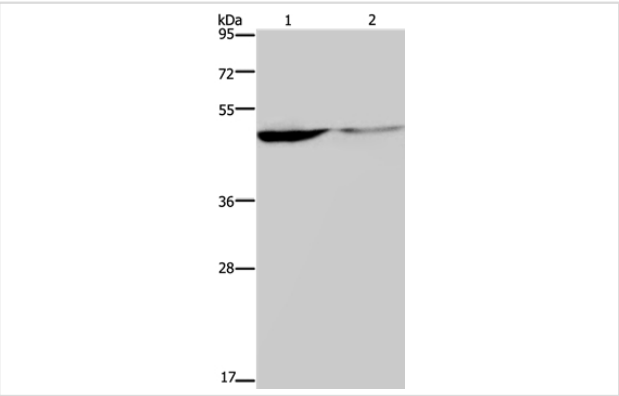
Product Name	KCNK9 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total KCNK9 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human potassium channel, subfamily K, member 9
Target Name	KCNK9
Other Names	KT3.2; TASK3; K2p9.1; TASK-3
Accession No.	Swiss-Prot#: Q9NPC2NCBI Gene ID: 51305Gene Accssion: NP_001269463
SDS-PAGE MW	42kd
Concentration	2.8mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Storage	Store at -20°C

Application Details

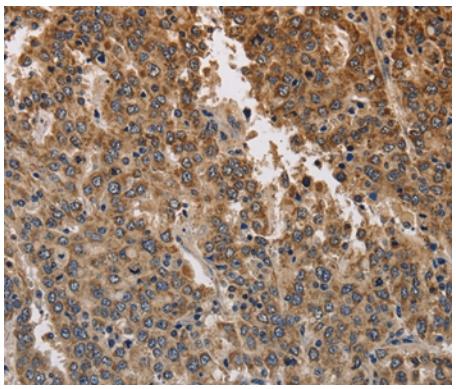
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:100-1:300

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): Human paraneoplastic and normal kidney tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/650 dilution
Secondary antibody dilution: 1/8000
Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #37678 at dilution 1/40.

Background

This gene encodes a protein that contains multiple transmembrane regions and two pore-forming P domains and functions as a pH-dependent potassium channel. Amplification and overexpression of this gene have been observed in several types of human carcinomas. This gene is imprinted in the brain, with preferential expression from the maternal allele. A mutation in this gene was associated with Birk-Barel mental retardation dysmorphism syndrome. Alternative splicing results in multiple transcript variants.

Published Papers

el at., Potassium channels related to primary aldosteronism: Expression similarities and differences between human and rat adrenals.In Mol Cell Endocrinol on 2015 Dec 5 by Andrew X Chen , Koshiro Nishimoto et al..PMID: 26375812, , (2015)

PMID:26375812

Note: This product is for in vitro research use only and is not intended for use in humans or animals.