Product Datasheet

Potassium Channel Kv3.2b Antibody

Catalog No: #33473

Package Size: #33473-1 50ul #33473-2 100ul

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

Description

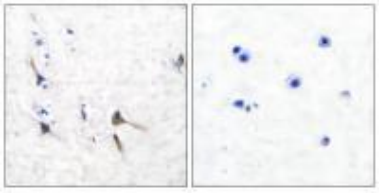
Product Name	Potassium Channel Kv3.2b Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total Potassium Channel Kv3.2b protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Potassium Channel Kv3.
Target Name	Potassium Channel Kv3.2b
Other Names	POTASSIUM CHANNEL; VOLTAGE-GATED; SHAW-RELATED SUBFAMILY; MEMBER 2;
Accession No.	Swiss-Prot: Q96PR1NCBI Gene ID: 3747
Uniprot	Q96PR1
GeneID	3747;
SDS-PAGE MW	70kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

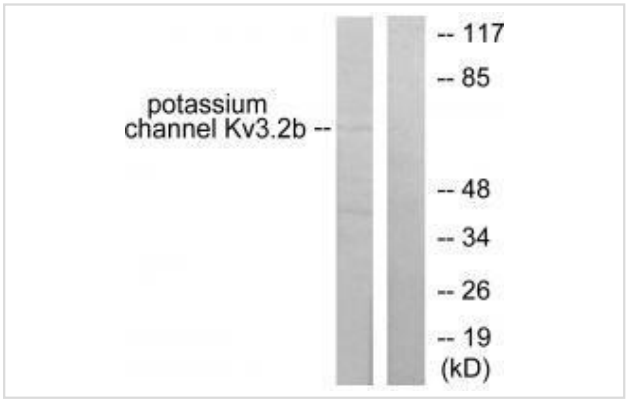
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

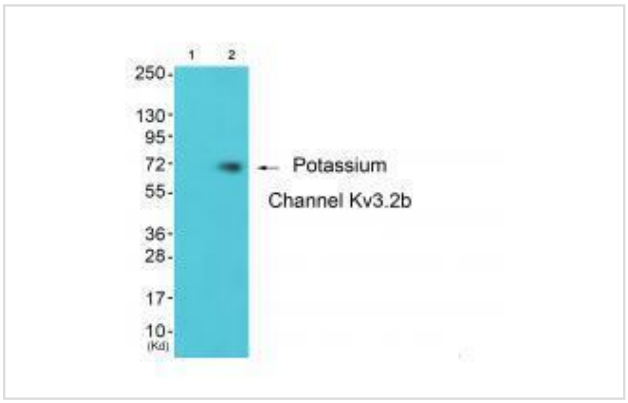
Images



Immunohistochemical analysis of paraffin-embedded human brain tissue using Potassium Channel Kv3.2b antibody #33473.



Western blot analysis of extracts from HepG2 cells, using Potassium Channel Kv3.2b antibody #33473.



Western blot analysis of extracts from 293 cells (Lane 2), using Potassium Channel Kv3.2b antiobdy #33473. The lane on the left is treated with synthesized peptide.

Background

Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient. Channel properties are modulated by subunit assembly By similarity.

Lizhen Yan, Mol. Pharmacol., May 2005; 67: 1513 - 1521.

Bart A. Jessen, Toxicol. Sci., Sep 2003; 75: 208 - 222.

Qingwei Deng, J. Neurosci., Dec 2005; 25: 11531 - 11541.

Shuk Yin M. Yeung, J. Neurosci., Sep 2005; 25: 8735 - 8745.

Note: This product is for in vitro research use only