

Rabbit Potassium Channel Kv3.2b Polyclonal Antibody | anti-KCNC2 antibody

Potassium Channel Kv3.2b Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301754	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

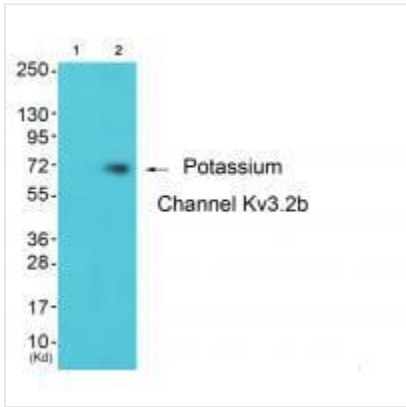
PRODUCT SYNONYMS

Potassium Channel Kv3.2b; Polyclonal Antibody; Potassium Channel Kv3.2b Antibody; POTASSIUM CHANNEL; VOLTAGE-GATED; SHAW-RELATED SUBFAMILY; MEMBER 2; anti-KCNC2 antibody

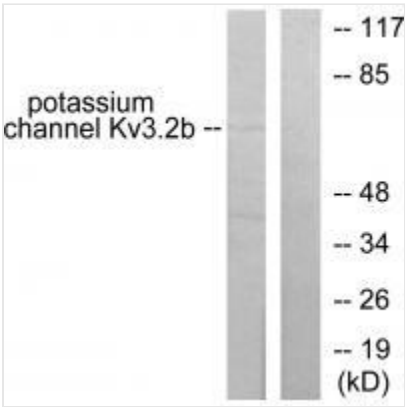
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Potassium Channel Kv3.2b protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	618
Applicable Applications for anti-KCNC2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Potassium Channel Kv3.
Target Name	Potassium Channel Kv3.2b
Preparation and Storage	Store at -20 degree C

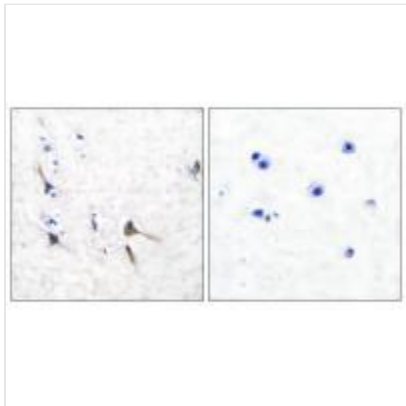
IMAGES



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



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using Potassium Channel Kv3.2b antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using Potassium Channel Kv3.2b antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KCNC2 antibody	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.
Product Categories/Family for anti-KCNC2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	386781638
NCBI GeneID	3747
NCBI Accession #	NP_001247426.1
NCBI GenBank Nucleotide #	NM_001260497.1
UniProt Accession #	Q96PR1; Q4LE77; Q86W09; Q8N1V9; Q96PR0; B7Z231; F5H030; J3KPP5
Molecular Weight	68,317 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily C member 2 isoform 4

NCBI Official Synonym Full Names	potassium channel, voltage gated Shaw related subfamily C, member 2
NCBI Official Symbol	KCNC2
NCBI Official Synonym Symbols	KV3.2
NCBI Protein Information	potassium voltage-gated channel subfamily C member 2
UniProt Protein Name	Potassium voltage-gated channel subfamily C member 2
UniProt Gene Name	KCNC2
UniProt Entry Name	KCNC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/potassium-channel-kv32b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301754>