

Rabbit KCNC1/Kv3.1 Polyclonal Antibody | anti-KCNC1/Kv3.1 antibody

Anti-KCNC1/Kv3.1 Antibody (Internal)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162364	Rabbit	HumanPredicted: Rabbit, Mouse, Bovine, Rat	Western Blot, Immunohistochemistry

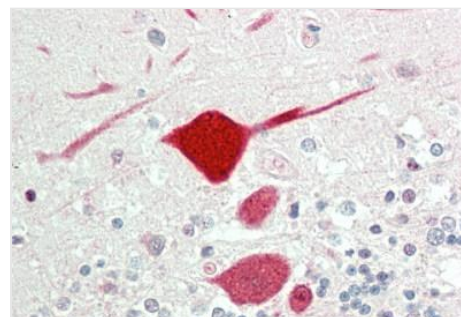
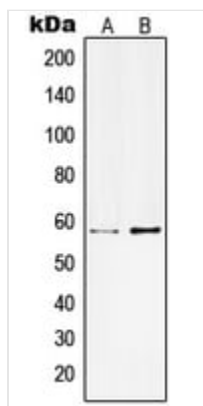
PRODUCT SYNONYMS

KCNC1/Kv3.1; Polyclonal Antibody; Anti-KCNC1/Kv3.1 Antibody (Internal); Mouse Monoclonal [clone S16B-8]; KCNC1; KShIIIB; KV3.1; Raw2; Shaw22; KV4; NGK2; anti-KCNC1/Kv3.1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Rabbit, Mouse, Bovine, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Kv3.1 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol.
Sequence Length	511
Applicable Applications for anti-KCNC1/Kv3.1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the central region of human Kv3.1.
Conjugation	Unconjugated
Epitope	Internal
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Human Brain, Cerebellum: Formalin-Fixed, Paraffin-Embedded (FFPE)

WB (Western Blot)
Western blot analysis of Kv3.1 expression in HepG2 (A); rat brain (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-KCNC1/Kv3.1 antibody	Mediates the voltage-dependent potassium ion permeability of excitablemembranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms apotassium-selective channel through which potassium ions may pass inaccordance with their electrochemical gradient.
Product Categories/Family for anti-KCNC1/Kv3.1 antibody	Ion Channel; Potassium channel - Kv3 Shaw

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826786
NCBI GeneID	3746
NCBI Accession #	NP_004967.1
NCBI GenBank Nucleotide #	NM_004976.4
UniProt Accession #	P48547; K4DI87
Molecular Weight	65,871 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily C member 1 isoform 2
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily C member 1
NCBI Official Symbol	KCNC1
NCBI Official Synonym Symbols	KV4; EPM7; NGK2; KV3.1
NCBI Protein Information	potassium voltage-gated channel subfamily C member 1
UniProt Protein Name	Potassium voltage-gated channel subfamily C member 1
UniProt Gene Name	KCNC1

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/kcnc1-kv31-antibody-western-blot-immunohistochemistry-elisa/162364>