

Rabbit KV3.1 Polyclonal Antibody | anti-KV3.1 antibody

KV3.1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318691	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

KV3.1; Polyclonal Antibody; KV3.1 Rabbit Polyclonal Antibody; KCNC1; Potassium voltage-gated channel subfamily C member 1; NGK2; Voltage-gated potassium channel subunit Kv3.1; Voltage-gated potassium channel subunit Kv4; BH6842; anti-KV3.1 antibody

PRODUCT SPECIFICATIONS

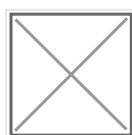
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	KV3.1 Polyclonal Antibody detects endogenous levels of KV3.1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-KV3.1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from KV3.1. at AA range: 190-270
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



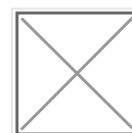
WB (Western Blot)

Western Blot analysis of various cells using KV3.1 Polyclonal Antibody



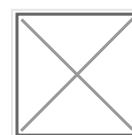
WB (Western Blot)

Western blot analysis of KCNC1 Antibody. The lane on the right is blocked with the KCNC1 peptide.



WB (Western Blot)

Western Blot analysis of K562 cells using KV3.1 Polyclonal Antibody



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using KCNC1 Antibody. The lane on the right is blocked with the KCNC1 peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-KV3.1 antibody	This gene encodes a member of a family of integral membrane proteins that mediate the voltage-dependent potassium ion permeability of excitable membranes. Alternative splicing is thought to result in two transcript variants encoding isoforms that differ at their C-termini. These isoforms have had conflicting names in the literature: the longer isoform has been called both "b" and "alpha", while the shorter isoform has been called both "a" and "beta" (PMIDs 1432046, 12091563). [provided by RefSeq, Oct 2014]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4826786
NCBI GeneID	3746
NCBI Accession #	NP_004967.1
NCBI GenBank Nucleotide #	NM_004976.4
UniProt Accession #	P48547
Molecular Weight	57,942 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily C member 1 isoform B
NCBI Official Synonym Full Names	potassium voltage-gated channel, Shaw-related subfamily, member 1
NCBI Official Symbol	KCNC1
NCBI Official Synonym Symbols	KV4; NGK2; KV3.1
NCBI Protein Information	potassium voltage-gated channel subfamily C member 1; voltage-gated potassium channel subunit Kv4; voltage-gated potassium channel protein KV3.1; voltage-gated potassium channel subunit Kv3.1
UniProt Protein Name	Potassium voltage-gated channel subfamily C member 1
UniProt Gene Name	KCNC1
UniProt Entry Name	KCNC1_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/kv31-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/318691>