

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

KV3.1 Polyclonal Antibody

CATALOG # AAA295134	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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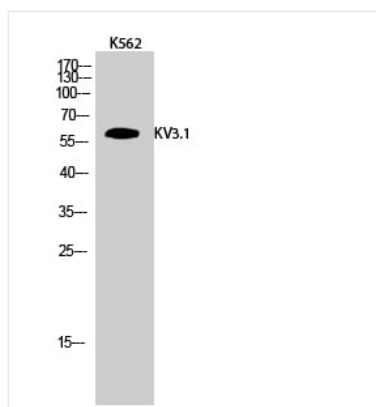
PRODUCT SYNONYMS

KV3.1; Polyclonal Antibody; KV3.1 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; anti-KV3.1 antibody

PRODUCT SPECIFICATIONS

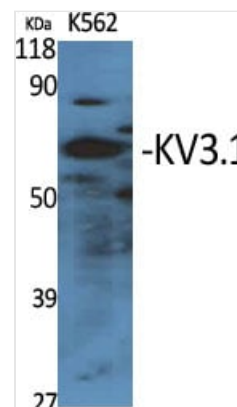
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-KV3.1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



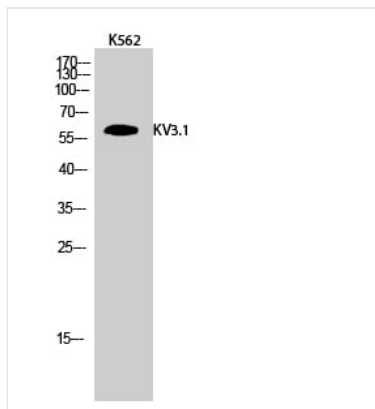
WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000.
Not yet tested in other applications.



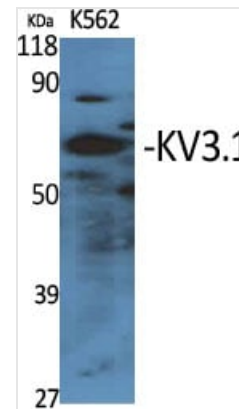
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ADDITIONAL INFORMATION

Related Product Information for anti-KV3.1 antibody

Voltage-gated potassium channel that plays an important role in the rapid repolarization of fast-firing brain neurons. The channel opens in response to the voltage difference across the membrane, forming a potassium-selective channel through which potassium ions pass in accordance with their electrochemical gradient (PubMed:25401298). Can form functional homotetrameric channels and heterotetrameric channels that contain variable proportions of KCNC2, and possibly other family members as well. Contributes to fire sustained trains of very brief action potentials at high frequency in pallidal neurons.

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-immunohistochemistry-western-blot-elisa/295134>