

Rabbit KV1.5 Polyclonal Antibody | anti-KV1.5 antibody

KV1.5 Polyclonal Antibody

CATALOG # AAA295133	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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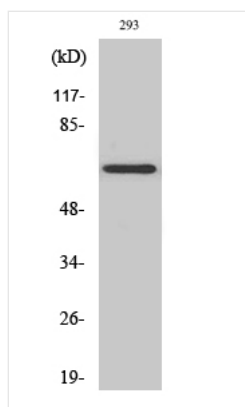
PRODUCT SYNONYMS

KV1.5; Polyclonal Antibody; KV1.5 Polyclonal Antibody; KCNA5; Potassium voltage-gated channel subfamily A member 5; HPCN1; Voltage-gated potassium channel HK2; Voltage-gated potassium channel subunit Kv1.5; anti-KV1.5 antibody

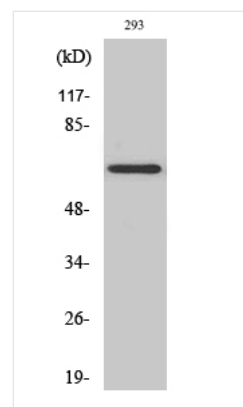
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-KV1.5 antibody	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. ELISA: 1/40000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-KV1.5 antibody

Voltage-gated potassium channel that mediates transmembrane potassium transport in excitable membranes. Forms tetrameric potassium-selective channels through which potassium ions pass in accordance with their electrochemical gradient. The channel alternates between opened and closed conformations in response to the voltage difference across the membrane. Can form functional homotetrameric channels and heterotetrameric channels that contain variable proportions of KCNA1, KCNA2, KCNA4, KCNA5, and possibly other family members as well; channel properties depend on the type of alpha subunits that are part of the channel (PubMed:12130714). May play a role in regulating the secretion of insulin in normal pancreatic islets. Isoform 2 exhibits a voltage-dependent recovery from inactivation and an excessive cumulative inactivation (PubMed:11524461).

NCBI AND UNIPROT INFORMATION

NCBI GI #	25952087
NCBI GeneID	3741
NCBI Accession #	NP_002225.2
NCBI GenBank Nucleotide #	NM_002234.3
UniProt Accession #	P22460; Q4KKT8; Q4VAJ1; Q4VAJ2; Q9UDA4
Molecular Weight	67,228 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily A member 5
NCBI Official Synonym Full Names	potassium voltage-gated channel, shaker-related subfamily, member 5
NCBI Official Symbol	KCNA5
NCBI Official Synonym Symbols	HK2; HCK1; PCN1; ATFB7; HPCN1; KV1.5
NCBI Protein Information	potassium voltage-gated channel subfamily A member 5; potassium channel 1; cardiac potassium channel; voltage-gated potassium channel HK2; insulinoma and islet potassium channel; voltage-gated potassium channel protein Kv1.5; voltage-gated potassium chann
UniProt Protein Name	Potassium voltage-gated channel subfamily A member 5
UniProt Gene Name	KCNA5
UniProt Entry Name	KCNA5_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/kv15-antibody-western-blot-elisa/295133>