

Rabbit Kv1.1 Potassium Channel Monoclonal Antibody | anti-KCNA1 antibody

Kv1.1 Potassium Channel Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312301	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

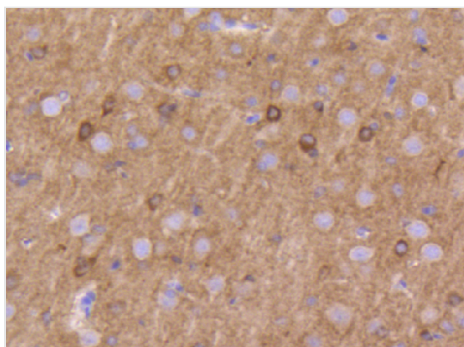
PRODUCT SYNONYMS

Kv1.1 Potassium Channel; Monoclonal Antibody; Kv1.1 Potassium Channel Antibody; AEMK antibody; EA1 antibody; Episodic ataxia with myokymia antibody; HBK1 antibody; HUK1 antibody; Kca1 1 antibody; Kcna1 antibody; KCNA1_HUMAN antibody; Kcpvd antibody; KV1.1 antibody; MBK1 antibody; mceph antibody; MGC124402 antibody; MGC126782 antibody; MGC138385 antibody; MK1 antibody; MK1; mouse; homolog of KV1.1 antibody; Potassium channel protein 1 antibody; Potassium voltage gated channel shaker related subfamily member 1 antibody; Potassium voltage gated channel subfamily A member 1 antibody; Potassium voltage gated channel; shaker related subfamily; member 1 (episodic ataxia with myokymia) antibody; Potassium voltage-gated channel subfamily A member 1 antibody; RBK1 antibody; RCK1 antibody; Shak antibody; Shaker related subfamily member 1 antibody; Voltage gated potassium channel subunit Kv1.1 antibody; Voltage-gated K (+) channel HuK1 antibody; Voltage-gated potassium channel HBK1 antibody; Voltage-gated potassium channel subunit Kv1.1 antibody; anti-KCNA1 antibody

PRODUCT SPECIFICATIONS

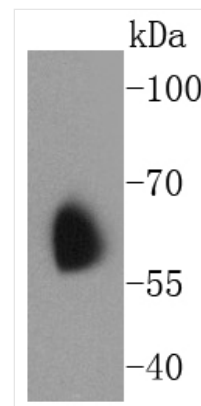
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SN66-06
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-KCNA1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-Kv1.1 potassium channel antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Kv1.1 potassium channel on human brain lysates using anti-Kv1.1 potassium channel antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-KCNA1 antibody	Voltage-gated K+ channels in the plasma membrane control the repolarization and the frequency of action potentials in neurons, muscles, and other excitable cells. The KV gene family encodes more than 30 genes that comprise the subunits of the K+ channels, and they vary in their gating and permeation properties, subcellular distribution, and expression patterns. Functional KV channels assemble as tetramers consisting of pore-forming - subunits (KValpha), which include the KV1, KV2, KV3, and KV4 proteins, and accessory or KVbeta subunits that modify the gating properties of the coexpressed KValpha subunits. Differences exist in the patterns of trafficking, biosynthetic processing and surface expression of the major KV1 subunits (KV1.1, KV1.2, KV1.4, KV1.5 and KV1.6) expressed in rat and human brain, suggesting that the individual protein subunits are highly regulated to control for the assembly and formation of functional neuronal channels.
Product Categories/Family for anti-KCNA1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395748
NCBI GeneID	3736
NCBI Accession #	NP_000208.2
NCBI GenBank Nucleotide #	NM_000217.2
UniProt Accession #	Q09470; Q3MIQ9; A6NM83
Molecular Weight	56,466 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily A member 1
NCBI Official Synonym Full Names	potassium voltage-gated channel, shaker-related subfamily, member 1 (episodic ataxia with myokymia)
NCBI Official Symbol	KCNA1
NCBI Official Synonym Symbols	EA1; MK1; AEMK; HBK1; HUK1; MBK1; RBK1; KV1.1
NCBI Protein Information	potassium voltage-gated channel subfamily A member 1; voltage-gated K(+) channel HuK1; voltage-gated potassium channel HBK1; voltage-gated potassium channel subunit Kv1.1
UniProt Protein Name	Potassium voltage-gated channel subfamily A member 1
UniProt Gene Name	KCNA1
UniProt Entry Name	KCNA1_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/monoclonal/kv11-potassium-channel-antibody-clone-sn66-06-immunoprecipitation-immunohistochemistry-western-blot-elisa/312301>