

Rabbit anti-Mouse, Human KCNA2/Kv1.2 Polyclonal Antibody | anti-KCNA2 antibody

KCNA2/Kv1.2 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163111	HOST Rabbit	REACTIVITY Mouse, Human	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

KCNA2/Kv1.2; Polyclonal Antibody; KCNA2/Kv1.2 Rabbit anti-Human Polyclonal Antibody; PathPlus KCNA2/Kv1.2 Antibody; KCNA2; HBK5; KV1.2; HuK4; MK2; NGK1; RBK2; HK4; HUKIV; anti-KCNA2 antibody

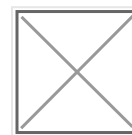
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human KCNA2/Kv1.2
Purity/Purification	Affinity purified
Form/Format	PBS, pH7.3, 0.02% Sodium Azide, 50% Glycerol
Concentration	1.58mg/ml (varies by lot)
Applicable Applications for anti-KCNA2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Target	Human KCNA2/Kv1.2
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-165 of human KCNA2 (NP_001191198.1). MTVATGDPADAAAALPGHPQDTYDPEADHECCERVVINISGLRFETQLKTLAQFPETLLGDPKKRMRYFDPLRNEYFFDRNRPSFDAILYYYQSGGRLRR
Conjugation	Unconjugated
Family	Ion Channel
Subfamily	Potassium channel-Kv1 Shaker
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
KCNA2/Kv1.2 Antibody-Human Brain, Cerebellum: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
KCNA2/Kv1.2 Antibody-Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)

**WB (Western Blot)**

KCNA2/Kv1.2 Antibody-Western blot analysis of extracts of various cells.

**ICC (Immunocytochemistry)**

KCNA2/Kv1.2 Antibody-Immunofluorescence analysis of HeLa cells.

ADDITIONAL INFORMATION

Related Product Information for anti-KCNA2 antibody	Kv1.2 antibody is an unconjugated rabbit polyclonal antibody to Kv1.2 (KCNA2) from human. It is reactive with human and mouse. Validated for IF, IHC and WB. KCNA2 is a protein that belongs to the potassium channel, voltage-gated, shaker-related subfamily. It belongs to the delayed rectifier class, members of which allow nerve cells to efficiently repolarize following an action potential. The coding region of this gene is intronless, and the gene is clustered with genes KCNA3 and KCNA10 on chromosome 1.
References	The UniProt Consortium. Nucleic Acids Res. 47: D506-515 (2019); Nucleic Acids Res. 2016 Jan 4;44(D1):D733-45, PMID:26553804

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826782
NCBI GeneID	3737
NCBI Accession #	NP_004965.1
NCBI GenBank Nucleotide #	NM_004974
UniProt Accession #	P16389
Molecular Weight	54 kDa
NCBI Official Full Name	potassium voltage-gated channel subfamily A member 2 isoform a
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily A member 2
NCBI Official Symbol	KCNA2
NCBI Official Synonym Symbols	HK4; MK2; HBK5; NGK1; RBK2; HUKIV; KV1.2; EIEE32
NCBI Protein Information	potassium voltage-gated channel subfamily A member 2
UniProt Protein Name	Potassium voltage-gated channel subfamily A member 2
UniProt Gene Name	KCNA2
UniProt Entry Name	KCNA2_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/kcna2-kv12-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/163111>