

Rabbit KCNA3 Polyclonal Antibody | anti-KCNA3 antibody

KCNA3 Polyclonal Antibody

CATALOG # AAA176892	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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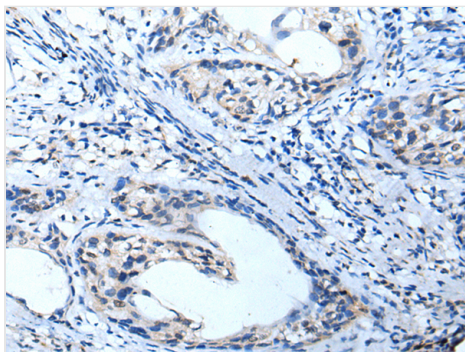
PRODUCT SYNONYMS

KCNA3; Polyclonal Antibody; KCNA3 Polyclonal Antibody; HGK 5; HGK5; HLK 3; HLK3; HPCN 3; HPCN3; HuKIII; KCNA 3; Kcna3; KV1.3; MK 3; MK3; OTTHUMP00000032397; PCN 3; PCN3; Potassium channel 3; Potassium voltage gated channel shaker related subfamily member 3; Potassium voltage gated channel subfamily A member 3; Potassium voltage-gated channel subfamily A member 3; Type n potassium channel; Voltage gated potassium channel protein Kv1.3; Voltage gated potassium channel subunit Kv1.3; Voltage-gated K(+) channel HuKIII; Voltage-gated potassium channel subunit Kv1.3; anti-KCNA3 antibody

PRODUCT SPECIFICATIONS

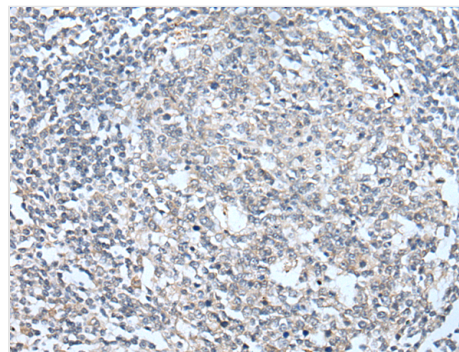
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.7mg/mL (varies by lot)
Sequence Length	575
Applicable Applications for anti-KCNA3 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human KCNA3
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using KCNA3 Polyclonal Antibody at dilution of 1:35(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using KCNA3 Polyclonal Antibody at dilution of 1:35(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-KCNA3 antibody	Potassium channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. This member contains six membrane-spanning domains with a shaker-type repeat in the fourth segment. It belongs to the delayed rectifier class, members of which allow nerve cells to efficiently repolarize following an action potential. It plays an essential role in T-cell proliferation and activation. This gene appears to be intronless and it is clustered together with KCNA2 and KCNA10 genes on chromosome 1.KCNA3 (Potassium Voltage-Gated Channel Subfamily A Member 3) is a Protein Coding gene. Diseases associated with KCNA3 include Lymph Node Cancer. Among its related pathways are Potassium Channels and Transmission across Chemical Synapses. GO annotations related to this gene include ion channel activity and voltage-gated ion channel activity. An important paralog of this gene is KCNA2.
Product Categories/Family for anti-KCNA3 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758565
NCBI GeneID	3738
NCBI Accession #	NP_002223.3
NCBI GenBank Nucleotide #	NP_002223.3
UniProt Accession #	P22001
NCBI Official Full Name	potassium voltage-gated channel subfamily A member 3
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily A member 3
NCBI Official Symbol	KCNA3
NCBI Official Synonym Symbols	MK3; HGK5; HLK3; PCN3; HPCN3; KV1.3; HUKIII
NCBI Protein Information	potassium voltage-gated channel subfamily A member 3
UniProt Protein Name	Potassium voltage-gated channel subfamily A member 3
UniProt Gene Name	KCNA3
UniProt Synonym Gene Names	HGK5
UniProt Entry Name	KCNA3_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/kcna3-antibody-immunohistochemistry-elisa/176892>