

Rabbit KCNA3 Polyclonal Antibody | anti-KCNA3 antibody

KCNA3 Antibody

CATALOG # AAA309285	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	--	---

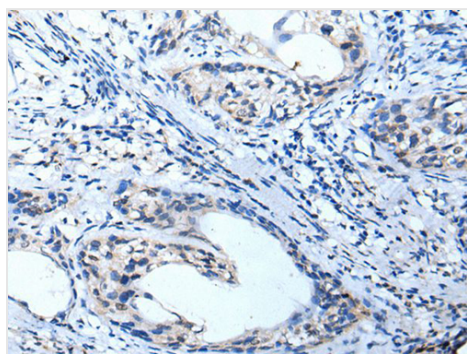
PRODUCT SYNONYMS

KCNA3; Polyclonal Antibody; KCNA3 Antibody; MK3; HGK5; HLK3; PCN3; HPCN3; KV1.3; HUKIII; anti-KCNA3 antibody

PRODUCT SPECIFICATIONS

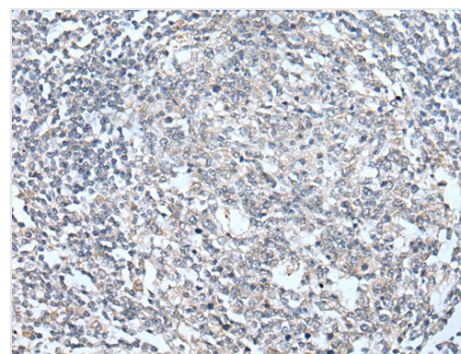
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total KCNA3 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.8mg/ml (varies by lot)
Sequence Length	575
Applicable Applications for anti-KCNA3 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human KCNA3
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using KCNA3 Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using KCNA3 Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)

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.
Product Categories/Family for anti-KCNA3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758565
NCBI GeneID	3738
NCBI Accession #	NP_002223.3
NCBI GenBank Nucleotide #	NM_002232.4
UniProt Accession #	P22001; Q5VWN2
Molecular Weight	63,842 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/kcna3-antibody-immunohistochemistry-elisa/309285>