

Rabbit anti-Human KCNA6 Polyclonal Antibody | anti-KCNA6 antibody

KCNA6 Antibody

CATALOG # AAA230372	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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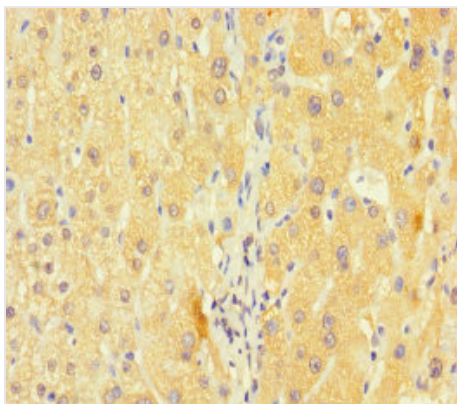
PRODUCT SYNONYMS

KCNA6; Polyclonal Antibody; KCNA6 Antibody; Potassium voltage-gated channel subfamily A member 6; Voltage-gated potassium channel HBK21; anti-KCNA6 antibody

PRODUCT SPECIFICATIONS

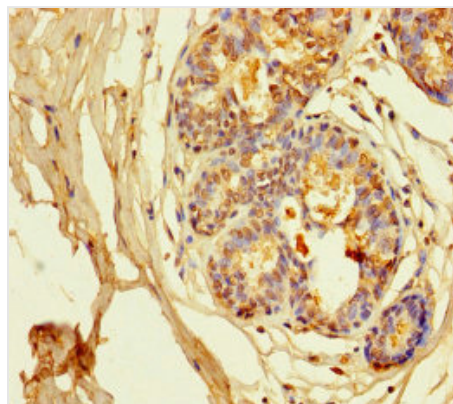
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	529
Applicable Applications for anti-KCNA6 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Potassium voltage-gated channel subfamily A member 6 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-16183 / sc-22943
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA230372 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA230372 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-KCNA6 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 (PubMed:2347305, PubMed:14575698). The channel alternates between opened and closed conformations in response to the voltage difference across the membrane (PubMed:2347305, PubMed:14575698). Can form functional homotetrameric channels and heterotetrameric channels that contain variable proportions of KCNA1, KCNA2, KCNA4, KCNA6, and possibly other family members as well; channel properties depend on the type of alpha subunits that are part of the channel. Channel properties are modulated by cytoplasmic beta subunits that regulate the subcellular location of the alpha subunits and promote rapid inactivation. Homotetrameric channels display rapid activation and slow inactivation (PubMed:2347305).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504821
NCBI GeneID	3742
NCBI Accession #	NP_002226.1
NCBI GenBank Nucleotide #	NM_002235.3
UniProt Accession #	P17658
Molecular Weight	58,729 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily A member 6
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily A member 6
NCBI Official Symbol	KCNA6
NCBI Official Synonym Symbols	HBK2; KV1.6; PPP1R96
NCBI Protein Information	potassium voltage-gated channel subfamily A member 6
UniProt Protein Name	Potassium voltage-gated channel subfamily A member 6
UniProt Gene Name	KCNA6
UniProt Entry Name	KCNA6_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://www.aaabiotech.com/polyclonal/kcna6-antibody-immunohistochemistry-elisa/230372>