

Rabbit KCNB1 Polyclonal Antibody | anti-KCNB1 antibody

KCNB1 Polyclonal Antibody

CATALOG # AAA170517	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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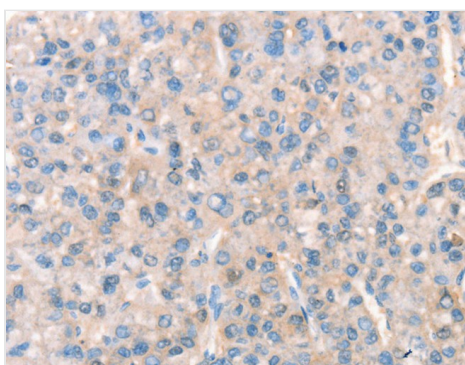
PRODUCT SYNONYMS

KCNB1; Polyclonal Antibody; KCNB1 Polyclonal Antibody; DRK1; KV2.1; h-DRK1; anti-KCNB1 antibody

PRODUCT SPECIFICATIONS

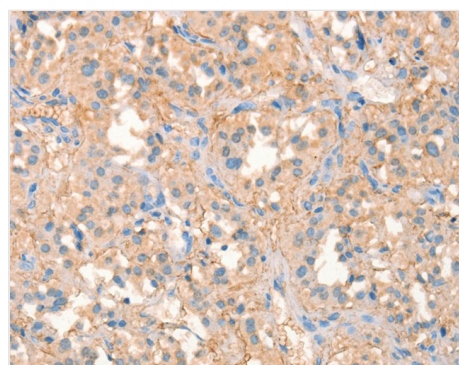
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.8mg/mL (varies by lot)
Sequence Length	813
Applicable Applications for anti-KCNB1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human KCNB1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using KCNB1 Polyclonal Antibody at dilution 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using KCNB1 Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-KCNB1 antibody	Voltage-gated potassium (Kv) 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, shab-related subfamily. This member is a delayed rectifier potassium channel and its activity is modulated by some other family members.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	84570020
NCBI GeneID	3745
Molecular Weight	95,878 Da
NCBI Official Full Name	KCNB1 protein, partial
NCBI Official Synonym Full Names	potassium channel, voltage gated Shab related subfamily B, member 1
NCBI Official Symbol	KCNB1
NCBI Official Synonym Symbols	DRK1; KV2.1; EIEE26; h-DRK1
NCBI Protein Information	potassium voltage-gated channel subfamily B member 1; delayed rectifier potassium channel 1; delayed rectifier potassium channel Kv2.1; h-DRK1 K(+) channel; potassium channel protein DRK1; potassium voltage-gated channel, Shab-related subfamily, member 1; voltage-gated potassium channel subunit Kv2.1
UniProt Protein Name	Potassium voltage-gated channel subfamily B member 1
UniProt Gene Name	KCNB1
UniProt Synonym Gene Names	DRK1; h-DRK1
UniProt Entry Name	KCNB1_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/kcnb1-antibody-immunohistochemistry-elisa/170517>