

Rabbit KCNB1 Polyclonal Antibody | anti-KCNB1 antibody

KCNB1 Antibody

CATALOG # AAA310675	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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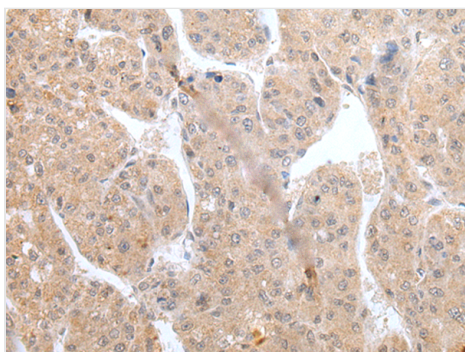
PRODUCT SYNONYMS

KCNB1; Polyclonal Antibody; KCNB1 Antibody; DRK1; Kv2.1; anti-KCNB1 antibody

PRODUCT SPECIFICATIONS

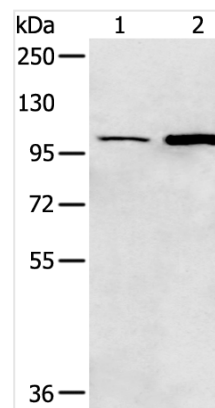
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total KCNB1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	0.3 mg/mL (varies by lot)
Sequence Length	858
Applicable Applications for anti-KCNB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human KCNB1
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 47496(KCNB1 Antibody) at dilution 1/20.(Original magnification: 200



SDS-PAGE

Gel: 6%SDS-PAGE, Lysate: 40 μg, Lane 1-2: K562 cell and Human cerebrum tissue lysates, Primary antibody:47496(KCNB1 Antibody) at dilution 1/200 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 minutes

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.
Product Categories/Family for anti-KCNB1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826784
NCBI GeneID	3745
NCBI Accession #	NP_004966.1
NCBI GenBank Nucleotide #	NM_004975.4
UniProt Accession #	Q14721; Q14193
Molecular Weight	96 kDa
NCBI Official Full Name	potassium voltage-gated channel subfamily B member 1
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily B member 1
NCBI Official Symbol	KCNB1
NCBI Official Synonym Symbols	DRK1; Kv2.1
NCBI Protein Information	potassium voltage-gated channel subfamily B member 1
UniProt Protein Name	Potassium voltage-gated channel subfamily B member 1
UniProt Gene Name	KCNB1
UniProt Synonym Gene Names	DRK11 PublicationManual assertion based on opinion iniRef.1; h-DRK11 PublicationManual assertion based on opinion iniRef.1

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-western-blot-elisa/310675>