

Rabbit KCNAB1 Polyclonal Antibody | anti-KCNAB1 antibody

KCNAB1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197923	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

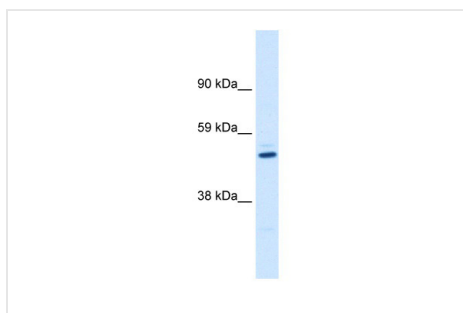
PRODUCT SYNONYMS

KCNAB1; Polyclonal Antibody; KCNAB1 antibody - C-terminal region; anti-KCNAB1 antibody

PRODUCT SPECIFICATIONS

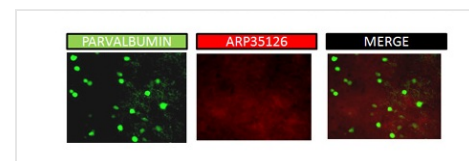
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VP ESSRASLKCY QWLKERIVSE EGRKQQNKLK DLSPIAERLG CTLPQLAV
Sequence Length	419
Applicable Applications for anti-KCNAB1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human KCNAB1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-KCNAB1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:312500
Positive Control: Human kidney



IHC (Immunohistochemistry)
mouse PFC

ADDITIONAL INFORMATION

Related Product Information for anti-KCNAB1 antibody	This is a rabbit polyclonal antibody against KCNAB1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. The KCNAB1 gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily.
Product Categories/Family for anti-KCNAB1 antibody	Polyclonal; Ion Channel; Cardiovascular; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	27436966
NCBI GeneID	7881
NCBI Accession #	NP_751892
NCBI GenBank Nucleotide #	NM_172160
UniProt Accession #	Q14722
Molecular Weight	46kDa
NCBI Official Full Name	voltage-gated potassium channel subunit beta-1 isoform 1
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily A member regulatory beta subunit 1
NCBI Official Symbol	KCNAB1
NCBI Official Synonym Symbols	hKvb3; AKR6A3; KCNA1B; Kvb1.3; hKvBeta3; KV-BETA-1
NCBI Protein Information	voltage-gated potassium channel subunit beta-1
UniProt Protein Name	Voltage-gated potassium channel subunit beta-1
UniProt Gene Name	KCNAB1
UniProt Synonym Gene Names	KCNA1B
UniProt Entry Name	KCAB1_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.