

KCNAB1 Polyclonal Antibody

Catalog No: #28920



Package Size: #28920-1 50ul #28920-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

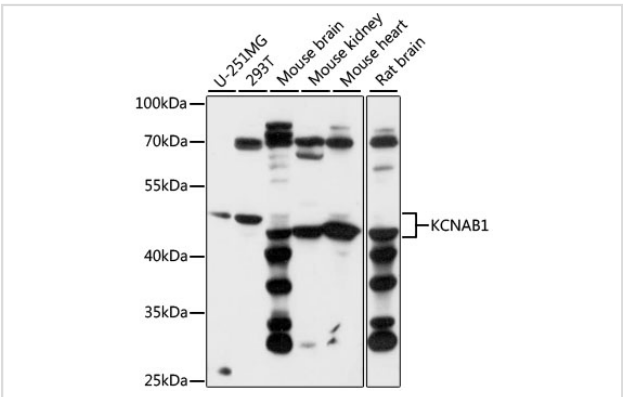
Description

Product Name	KCNAB1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human KCNAB1 (NP_751891.1).
Other Names	KCNAB1; AKR6A3; KCNA1B; KV-BETA-1; Kvb1.3; hKvBeta3; hKvb3; voltage-gated potassium channel subunit beta-1
Accession No.	Swiss-Prot#:Q14722NCBI Gene ID:7881
Uniprot	Q14722
GeneID	7881;
Calculated MW	45-50kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB 1:200 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using KCNAB1 at 1:1000 dilution.

Background

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 includes distinct isoforms which are encoded by alternatively spliced transcript variants of this gene. Some of these isoforms are beta subunits, which form heteromultimeric complexes with alpha subunits and modulate the activity of the pore-forming alpha subunits.

Note: This product is for in vitro research use only