

Datasheet for ABIN2461571
anti-KCNAB2 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	KCNAB2
Reactivity:	Rat, Human, Mouse, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNAB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human KCNAB2.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	KCNAB2
Alternative Name:	KCNAB2 (KCNAB2 Products)
Background:	The functions of Voltage-gated potassium (Kv) channels include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. KCNAB2 is a member of the potassium channel, voltage-gated, shaker-related subfamily. This member is one of the beta subunits, which are auxiliary proteins associating with functional Kv-alpha subunits.

Target Details

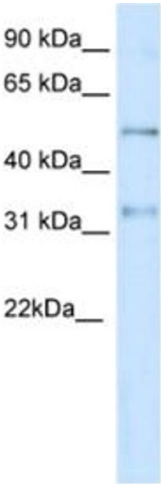
Molecular Weight:	40 kDa
Gene ID:	8514
NCBI Accession:	NP_003627
UniProt:	Q13303

Application Details

Application Notes:	KCNAB2 antibody can be used for detection of KCNAB2 by ELISA at 1:62500. KCNAB2 antibody can be used for detection of KCNAB2 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store KCNAB2 antibody at -20 °C.



Western Blotting

Image 1.