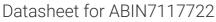
# antibodies .- online.com





## anti-KCNAB2 antibody



#### Overview

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

#### **Product Details**

Immunogen:	potassium voltage-gated channel, shaker-related subfamily, beta member 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### **Target Details**

Target:	KCNAB2
Alternative Name:	KCNAB2 (KCNAB2 Products)
Background:	Synonyms:KCNA2B, KCNK2 Background:Cytoplasmic potassium channel subunit that
	modulates the characteristics of the channel-forming alpha-subunits(PubMed:7649300,
	PubMed:11825900). Contributes to the regulation of nerve signaling, and prevents neuronal
	hyperexcitability(By similarity). Promotes expression of the pore-forming alpha subunits at the

cell membrane, and thereby increases channel activity(By similarity). Promotes potassium channel closure via a mechanism that does not involve physical obstruction of the channel pore(PubMed:7649300, PubMed:11825900). Promotes KCNA4 channel closure(PubMed:7649300, PubMed:11825900). Modulates the functional properties of KCNA5(By similarity). Enhances KCNB2 channel activity(By similarity). Binds NADPH and has NADPH-dependent aldoketoreductase activity(By similarity). Has broad substrate specificity and can catalyze the reduction of methylglyoxal, 9,10-phenanthrenequinone, prostaglandin J2, 4-nitrobenzaldehyde, 4-nitroacetophenone and 4-oxo-trans-2-nonenal(in vitro)(By similarity).

Molecular Weight: 38kd

Gene ID: 8514

UniProt: Q13303

#### **Application Details**

Application Notes: WB: 1:500 - 1:2000

Restrictions: For Research Use only

#### Handling

Format:	Liquid
	7
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months