

## anti- KCNAB2 antibody

### Product Information

Catalog No.:	FNab04479
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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 aldo-ketoreductase 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).

### Immunogen information

Immunogen:	potassium voltage-gated channel, shaker-related subfamily, beta member 2
Synonyms:	KCNA2B, KCNK2
Observed MW:	38kd
UniprotID :	Q13303

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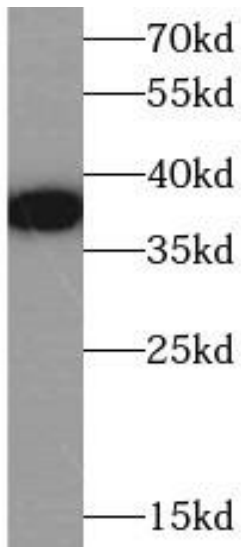
## Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500 - 1:2000

Image:



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab04479 (KCNAB2 antibody) at dilution of 1:1000

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