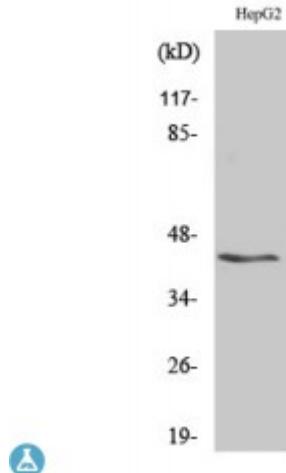


## Anti-K beta.3 antibody



<b>Description</b>	Rabbit polyclonal to KVbeta.3.
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<b>Model</b>	STJ93882
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Synthesized peptide derived from human KVbeta.3
<b>Immunogen Region</b>	270-350 aa, C-terminal
<b>Gene ID</b>	<a href="#">9196</a>
<b>Gene Symbol</b>	<a href="#">KCNAB3</a>
<b>Dilution range</b>	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
<b>Specificity</b>	KVbeta.3 Polyclonal Antibody detects endogenous levels of KVbeta.3 protein.
<b>Tissue Specificity</b>	Brain specific. Most prominent expression in cerebellum. Weaker signals detected in cortex, occipital lobe, frontal lobe and temporal lobe. Not detected in spinal cord, heart, lung, liver, kidney, pancreas, placenta and skeletal muscle.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Voltage-gated potassium channel subunit beta-3 K <sup>+</sup> channel subunit beta-3 Kv-beta-3

<b>Molecular Weight</b>	45 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:6230</a> <a href="#">OMIM:604111</a>
<b>Alternative Names</b>	Voltage-gated potassium channel subunit beta-3 K + channel subunit beta-3 Kv-beta-3
<b>Function</b>	Accessory potassium channel protein which modulates the activity of the pore-forming alpha subunit. Alters the functional properties of Kv1.5.
<b>Sequence and Domain Family</b>	Alteration of functional properties of alpha subunit is mediated through N-terminal domain of beta subunit.
<b>Cellular Localization</b>	Cytoplasm

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