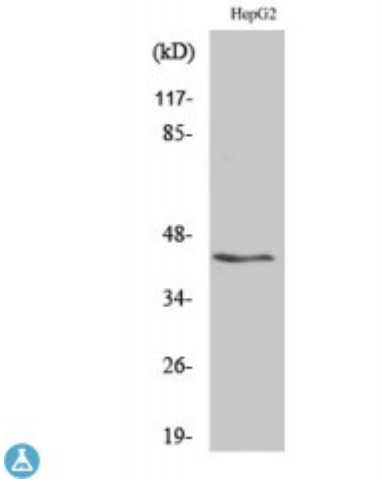
Anti-K beta.3 antibody



Description	Rabbit polyclonal to KVbeta.3.

Model	STJ93882
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human KVbeta.3
Immunogen Region	270-350 aa, C-terminal
Gene ID	9196
Gene Symbol	KCNAB3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	KVbeta.3 Polyclonal Antibody detects endogenous levels of KVbeta.3 protein.
Tissue Specificity	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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Voltage-gated potassium channel subunit beta-3 K + channel subunit beta-3 Kv-beta-3

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