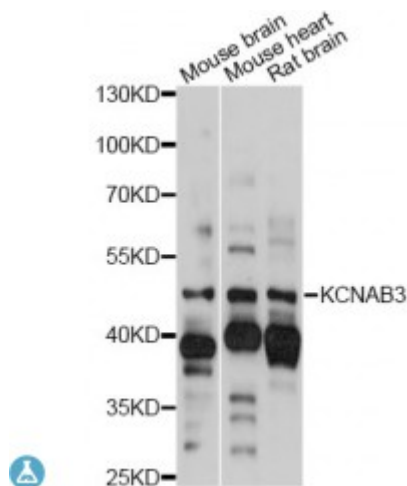


Anti-KCNAB3 Antibody



Description

This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. The encoded protein is one of the beta subunits, which are auxiliary proteins associating with functional Kv-alpha subunits. The encoded protein forms a heterodimer with the potassium voltage-gated channel, shaker-related subfamily, member 5 gene product and regulates the activity of the alpha subunit.

Model	STJ117022
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 285-404 of human KCNAB3 (NP_004723.2).
Gene ID	9196
Gene Symbol	KCNAB3
Dilution range	WB 1:500 - 1:2000
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	Affinity purification
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	43.67 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6230 OMIM:604111 Reactome:R-HSA-1296072
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,
Cellular Localization	Cytoplasm

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