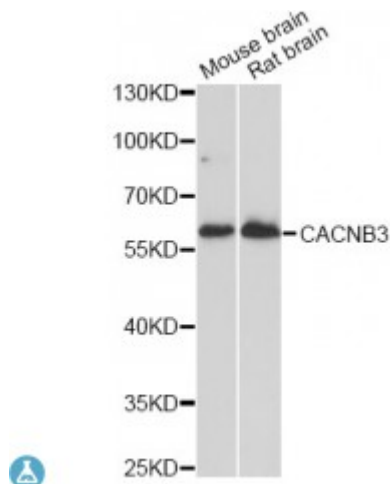


Anti-CACNB3 Antibody



Description

This gene encodes a regulatory beta subunit of the voltage-dependent calcium channel. Beta subunits are composed of five domains, which contribute to the regulation of surface expression and gating of calcium channels and may also play a role in the regulation of transcription factors and calcium transport.

Model	STJ116910
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 355-484 of human CACNB3 (NP_000716.2).
Gene ID	784
Gene Symbol	CACNB3
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed mostly in brain, smooth muscle and ovary
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Voltage-dependent L-type calcium channel subunit beta-3 CAB3 Calcium channel voltage-dependent subunit beta 3
Molecular Weight	54.532 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:1403OMIM:601958Reactome:R-HSA-112308
Alternative Names	Voltage-dependent L-type calcium channel subunit beta-3 CAB3 Calcium channel voltage-dependent subunit beta 3
Function	The beta subunit of voltage-dependent calcium channels contributes to the function of the calcium channel by increasing peak calcium current, shifting the voltage dependencies of activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting,

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