

Anti-Spectrin beta II antibody



Description	Rabbit polyclonal to Spectrin beta II.
Model	STJ95746
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Spectrin beta II
Immunogen Region	620-700 aa, Internal
Gene ID	6711
Gene Symbol	SPTBN1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	Spectrin beta II Polyclonal Antibody detects endogenous levels of Spectrin beta II protein.
Tissue Specificity	Isoform 2 is present in brain, lung and kidney (at protein level).
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Spectrin beta chain, non-erythrocytic 1 Beta-II spectrin Fodrin beta chain Spectrin, non-erythroid beta chain 1
Molecular Weight	275 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:11275OMIM:182790
Alternative Names	Spectrin beta chain, non-erythrocytic 1 Beta-II spectrin Fodrin beta chain Spectrin, non-erythroid beta chain 1
Function	Fodrin, which seems to be involved in secretion, interacts with calmodulin in a calcium-dependent manner and is thus candidate for the calcium-dependent movement of the cytoskeleton at the membrane.
Cellular Localization	Cytoplasm, cytoskeleton Cytoplasm, myofibril, sarcomere, M line. Colocalizes with ANK2 in a distinct intracellular compartment of neonatal cardiomyocytes. Isoform 2: Cell membrane

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