



ANK3 Rabbit pAb

Catalog No	YP-Ab-18779
Isotype	IgG
Reactivity	Human,Mouse
Applications	WB
Gene Name	ANK3
Immunogen	Synthesized peptide derived from human ANK3
Specificity	This antibody detects endogenous levels of ANK3 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MRT37;ANKYRIN-G;ANK3;Ankyrin-3 (ANK-3) (Ankyrin-G)
Observed Band	Refer to figures
Calculated Molecular Weight	480kDa
Cell Pathway	Cytoplasm, cytoskeleton . Cell projection, axon . Cell membrane, sarcolemma . Cell junction, synapse, postsynaptic cell membrane . Lysosome . Cell membrane, sarcolemma, T-tubule . In skeletal muscle, localized at costameres and neuromuscular junctions. In macrophages, associated with lysosomes. . ; [Isoform 5]: Cytoplasm, cytoskeleton . Golgi apparatus .
Tissue Specificity	Expressed in brain, neurons, muscles and other tissues.
Function	In skeletal muscle, required for costamere localization of DMD and betaDAG1 (By similarity). Membrane-cytoskeleton linker. May participate in the maintenance/targeting of ion channels and cell adhesion molecules at the nodes of Ranvier and axonal initial segments. Regulates KCNA1 channel activity in function of dietary Mg(2+) levels, and thereby contributes to the regulation of renal Mg(2+) reabsorption . ; [Isoform 5]: May be part of a Golgi-specific membrane cytoskeleton in association with beta-spectrin.



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images