



ANK3 Mouse mAb

Catalog No	YP-mAb-18779
Isotype	IgG
Reactivity	Human;Mouse;Rat
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 mouse 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