



ANK3 Mouse mAb

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| Catalog No | YP-mAb-18779 |
| Isotype | IgG |
| Reactivity | Human,Mouse |
| Applications | WB |
| Gene Name | ANK3 |
| Protein Name | Ankyrin-3 (ANK-3) (Ankyrin-G) |
| 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 | |
| Observed Band | 481kD |
| 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