



Ankyrin B mouse mAb

Catalog No	YP-mAb-12540
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ANK2
Immunogen	Synthesized peptide derived from human Ankyrin B
Specificity	This antibody detects endogenous levels of Ankyrin B at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.24% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ANK 2;Ankyrin 2;Ankyrin B;ANK2;Ankyrin-2 (ANK-2) (Ankyrin-B) (Brain ankyrin) (Non-erythroid ankyrin)
Observed Band	250-260 kDa
Calculated Molecular Weight	434 kDa
Cell Pathway	Cytoplasm, cytoskeleton . Membrane . Cytoplasm, myofibril, sarcomere, M line . Apical cell membrane . Cell membrane . Cell junction, synapse, postsynaptic cell membrane . Early endosome . Recycling endosome . Lysosome . Mitochondrion . Cytoplasm, myofibril, sarcomere, Z line . Cell membrane, sarcolemma, T-tubule . Expressed at the apical membrane of airway lung epithelial cells (By similarity). Localized to the plasma membrane of the inner segments of photoreceptors in retina. Colocalizes with SPTBN1 in a distinct intracellular compartment of neonatal cardiomyocytes (PubMed:19007774). In skeletal muscle, localizes to neuromuscular junctions (By similarity). Localizes with puncta at mitochondria ends. Colocalizes and cotransports on motile vesicles with RABGAP1L (By similarity). .
Tissue Specificity	Present in plasma membrane of neurons as well as glial cells throughout the brain. Expressed in fetal brain and in temporal cortex of adult brain. Also expressed in the inner segments of rod photoreceptors in retina.

**Function****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