



# Ankyrin B rabbit pAb

<b>Catalog No</b>	BYab-12540
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	ANK2
<b>Protein Name</b>	Ankyrin B
<b>Immunogen</b>	Synthesized peptide derived from human Ankyrin B
<b>Specificity</b>	This antibody detects endogenous levels of Ankyrin B at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.24% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Ankyrin-2 (ANK-2) (Ankyrin-B) (Brain ankyrin) (Non-erythroid ankyrin)
<b>Observed Band</b>	
<b>Cell Pathway</b>	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). .
<b>Tissue Specificity</b>	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.
<b>Function</b>	

Nanjing BYabscience technology Co.,Ltd



## 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