

Product datasheet for **TA326443**

Ankyrin brain (ANK2) Mouse Monoclonal Antibody [Clone ID: S105-13]

Product data:

Product Type:	Primary Antibodies
Clone Name:	S105-13
Applications:	WB
Recommended Dilution:	IHC: 1:50-1:200, ICC: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide amino acids 203-496 of human Ankyrin-B
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ankyrin 2, neuronal
Database Link:	NP_001120965 Entrez Gene 109676 MouseEntrez Gene 362036 RatEntrez Gene 287 Human Q01484

Background: Ankyrins are a family of adaptor proteins that mediate the attachment of integral membrane proteins to the spectrin-actin based membrane skeleton. Ankyrins have binding sites for the beta subunit of spectrin and at least 12 families of integral membrane proteins. This linkage is required to maintain the integrity of the plasma membranes and to anchor specific ion channels, ion exchangers and ion transporters in the plasma membranes.

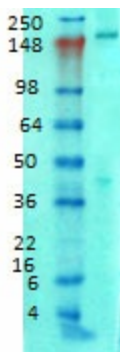
Synonyms: ANK-2; brank-2; LQT4

Note: Detects ~200kDa. No cross reactivity against Ankyrin-G

Protein Families: Druggable Genome



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Product images:

Western blot analysis of Ankyrin-B in rat brain membrane tissues, using a 1:1000 dilution of the antibody