

AB-NN197-1

Ankyrin-G Antibody

Pan-specific monoclonal antibody (S106-20) for monitoring the expression of human Ankyrin-G



KINEXUS

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Target Protein

Name Long:	Ankyrin-3 (Ankyrin-G)
Alias:	ANK-3, ANK3, ankyrin 3, Ankryin G119, brain specific ankyrin G, CHANK3, ankyrin 3 (G), Ankyrin-3, Ankyrin-G, node of Ranvier (ankyrin G), Ankyrin 3, node of Ranvier, Ankyrin G119, FLJ45464, OTTHUMP00000217458, OTTHUMP00000217575, RP11 369L1.1
UniProt ID:	Q12955 - Human
Human Predicted Mass (KDa):	480.410 (4377 AA; Q12955-3); 204.142 (1868 AA; Q12955-4); 202.592 (1861 AA; Q12955-5); 160.947 (1465 AA; Q12955-7); 111.099 (1001 AA; Q12955-6)
Observed SDS-PAGE Mass (KDa):	>200

Immunogen

Antibody Immunogen Source:	Fusion protein 1000 C-terminal amino acids of human Ankyrin G encompassing all of Ankyrin G with the exception of Ankyrin repeats
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	55 IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-404 was sufficient for detection of Ankyrin-G in 20 µg of rat brain membrane lysate and assayed by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a >~200 kDa protein.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987