

Product Datasheet

Ankyrin 3 Antibody (2A8) - BSA Free NBP3-05528-100ul

Unit Size: 100 ul

Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-05528-100ul

Ankyrin 3 Antibody (2A8) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2A8
Preservative	5mM Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol

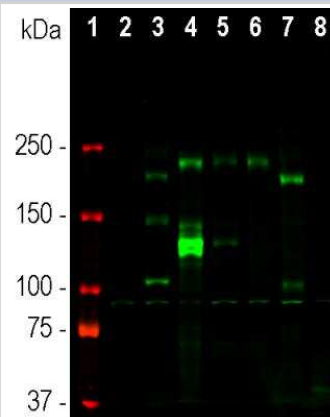
Product Description	
Description	Novus Biologicals Mouse Ankyrin 3 Antibody (2A8) - BSA Free (NBP3-05528) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	288
Gene Symbol	ANK3
Species	Human, Rat
Immunogen	The C-terminal 398 amino acids of human Ankyrin 3 expressed in and purified from E. coli.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000

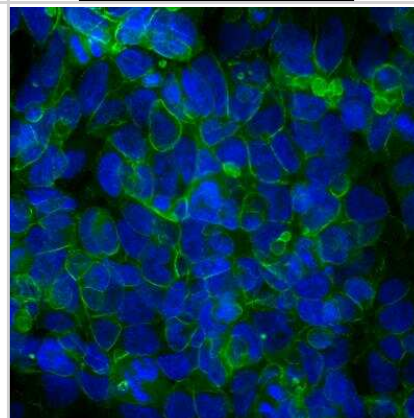


Images

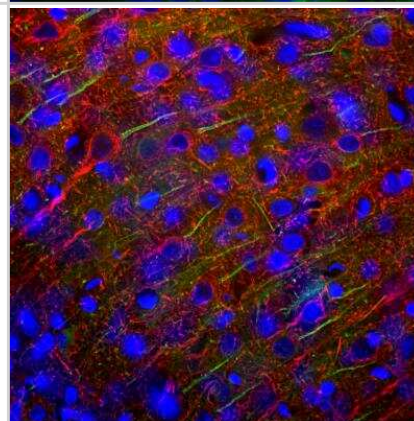
Western Blot: Ankyrin 3 Antibody [NBP3-05528] - Western blot analysis of different tissue and cell lysates using Ankyrin 3 Antibody, at a dilution of 1:2,000 in green: [1] protein standard (red), [2] NIH-3T3, [3] C6, [4] HEK293, [5] HeLa, [6] SH-SY5Y cells, [7] rat brain, and [8] mouse brain lysates. Bands at ~190kDa represent ankyrin 3 splice variants, higher molecular weight bands at 270kDa and 480kDa can be seen on longer exposure. Lower molecular weight bands are likely proteolytic fragments.



Immunocytochemistry/Immunofluorescence: Ankyrin 3 Antibody [NBP3-05528] - Immunofluorescent analysis of cortex section of rat brain stained with Ankyrin 3 Antibody at a dilution of 1:2,000 in green and costained with rabbit polyclonal antibody to NF-L at a dilution of 1:5,000 in red. The blue is Hoechst staining of nuclear DNA. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45uM, and free-floating sections were stained with above antibodies. The Ankyrin 3 Antibody stains the axonal initial segments, while the NF-L antibody labels dendrites and axons of neuronal cells.



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Products Related to NBP3-05528-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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