

Product Datasheet

FABP7/B-FABP Antibody (2A84) - BSA Free NBP3-05531-100ul

Unit Size: 100 ul

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

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NBP3-05531-100ul

FABP7/B-FABP Antibody (2A84) - 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	2A84
Preservative	5mM Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	14 kDa

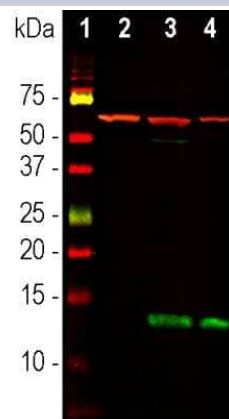
Product Description	
Description	Novus Biologicals Mouse FABP7/B-FABP Antibody (2A84) - BSA Free (NBP3-05531) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2173
Gene Symbol	FABP7
Species	Human, Mouse, Rat
Immunogen	Recombinant full length human FABP7/B-FABP 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

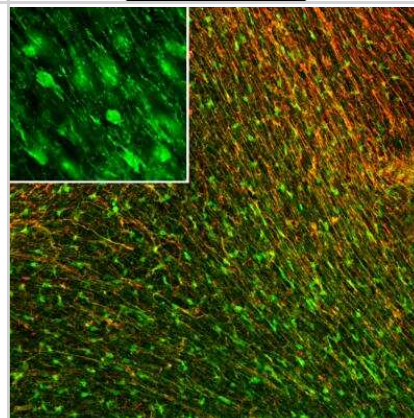


Images

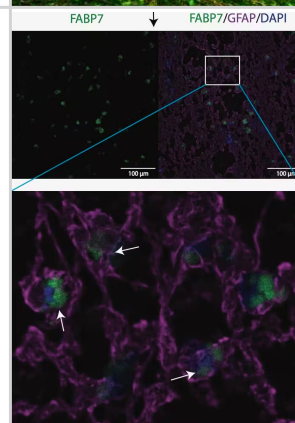
Western Blot: FABP7/B-FABP Antibody [NBP3-05531] - Western blot analysis of whole brain and neuron-glia cell culture lysates using FABP7/B-FABP Antibody at a dilution of 1:1,000 in green, and chicken pAb to HSP60 at a dilution of 1:10,000 in red: [1] protein standard, [2] adult rat brain, [3] embryonic (E18) rat brain, and [4] rat neuron-glia cells lysates. The bands at ~14kDa correspond to FABP7/B-FABP detected only in developing tissue and cells, and 60kDa bands represent HSP60 protein, which is labeled in all preparations.



Immunocytochemistry/Immunofluorescence: FABP7/B-FABP Antibody [NBP3-05531] - Immunofluorescent analysis rat embryonic brain section stained with mouse FABP7/B-FABP at a dilution of 1:500 in green, and costained with chicken pAb to vimentin at a dilution of 1:5,000 in red. The blue is Hoechst staining of nuclear DNA. FABP7/B-FABP antibody stains developing astrocytes and radial glia, while vimentin antibody reveals cytoplasmic intermediate filaments. Since the sub cellular distribution of these two proteins is distinct their expression patterns overlap but are not identical.



FABP7 is increased in progressive multiple sclerosis and induces a pro-inflammatory phenotype in monocytes through a glycolytic switch. Image from a verified customer review. The customer used the AF488-conjugated version of NBP3-05531, which is listed under NBP3-05531AF488.





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Products Related to NBP3-05531-100ul

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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