

Product Datasheet

Calretinin Antibody (3G9) - BSA Free NBP2-50042

Unit Size: 0.1 ml

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

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NBP2-50042

Calretinin Antibody (3G9) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3G9
Preservative	0.035% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	29 kDa

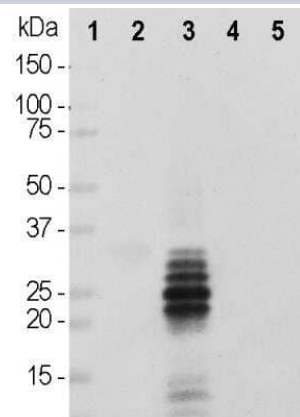
Product Description	
Host	Mouse
Gene ID	794
Gene Symbol	CALB2
Species	Human, Mouse, Rat
Immunogen	Full-length recombinant human Calretinin expressed in and purified from E. coli. [UniProt# P22676]

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1:1000 - 1:5000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000, Immunohistochemistry Free-Floating

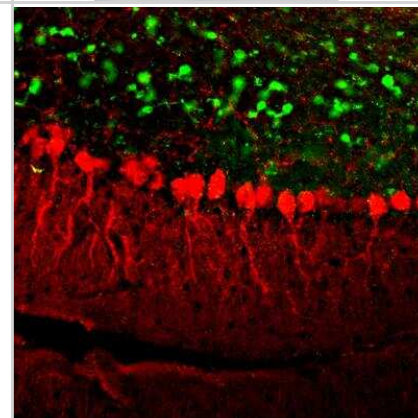


Images

Western Blot: Calretinin Antibody (3G9) [NBP2-50042] - Analysis of recombinant protein solutions using mouse mAb to calretinin, NBP2-50042, dilution 1:1,000: [1] protein standard, [2] calbindin, [3] calretinin, [4] parvalbumin, [5] secretogogin. This antibody reacts only with calretinin, and does not bind to other related calcium-binding proteins.



Immunohistochemistry Free-Floating: Calretinin Antibody (3G9) [NBP2-50042] - Analysis of rat cerebellum section stained with mouse mAb to calretinin, NBP2-50042, dilution 1:500 in green, and costained with chicken pAb to calbindin, dilution 1:2,000 in red. 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 the above antibodies. The calretinin antibody labels interneurons in the granule cell layer, while the calbindin antibody stains Purkinje neurons and their dendritic processes in the molecular layer of the cerebellum.





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Products Related to NBP2-50042

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-48344-0.1mg	Recombinant Human Calretinin His Protein

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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