

Product Datasheet

Calretinin Antibody - BSA Free

NBP1-32244

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 3

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Updated 11/18/2025 v.20.1

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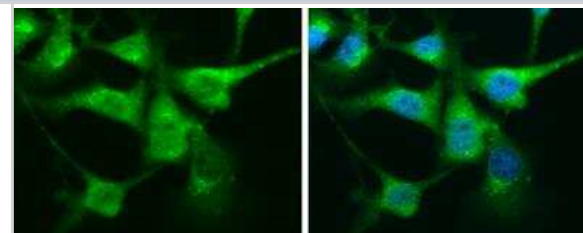
NBP1-32244

Calretinin Antibody - BSA Free

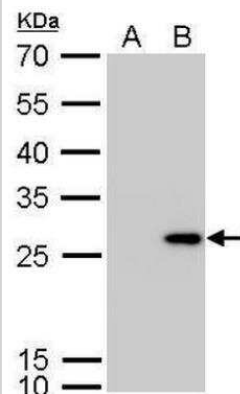
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	32 kDa
Product Description	
Description	Novus Biologicals Rabbit Calretinin Antibody - BSA Free (NBP1-32244) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Calretinin Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	794
Gene Symbol	CALB2
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Chicken (89%).
Marker	Mesothelial Cell Marker
Immunogen	Recombinant protein encompassing a sequence within the center region of human Calretinin. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000

Images

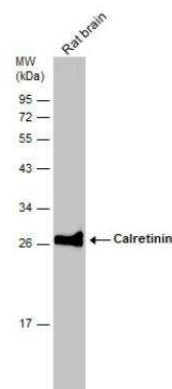
Immunocytochemistry/Immunofluorescence: Calretinin Antibody [NBP1-32244] - U87-MG cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Calretinin protein stained by Calretinin antibody diluted at 1:200. Blue: Hoechst 33342 staining.



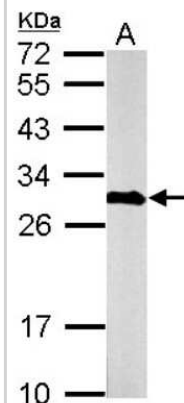
Western Blot: Calretinin Antibody [NBP1-32244] - A. 30 ug 293T whole cell lysate/extract. B. 30 ug whole cell lysate/extract of human CALB2-transfected 293T cells.



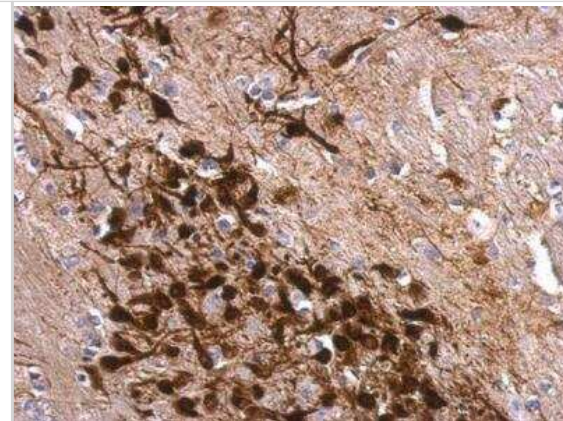
Western Blot: Calretinin Antibody [NBP1-32244] - Rat tissue extract (50 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with Calretinin antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



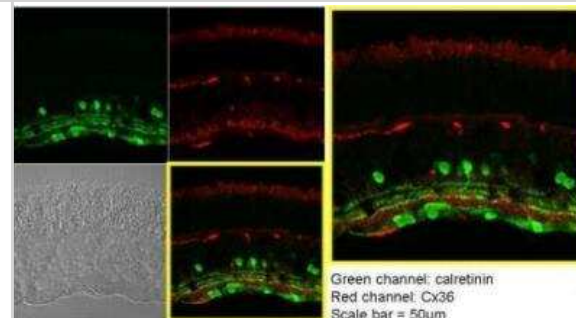
Western Blot: Calretinin Antibody [NBP1-32244] - Sample (50 ug of whole cell lysate) A: mouse brain 12% SDS PAGE; antibody diluted at 1:1000.



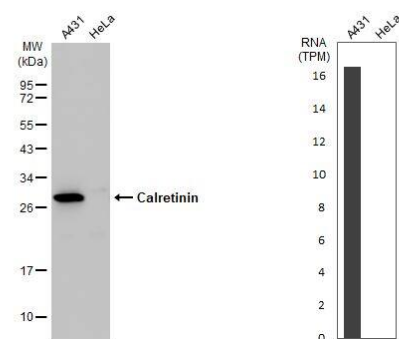
Immunohistochemistry-Paraffin: Calretinin Antibody [NBP1-32244] - Mouse fore brain. Calretinin antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



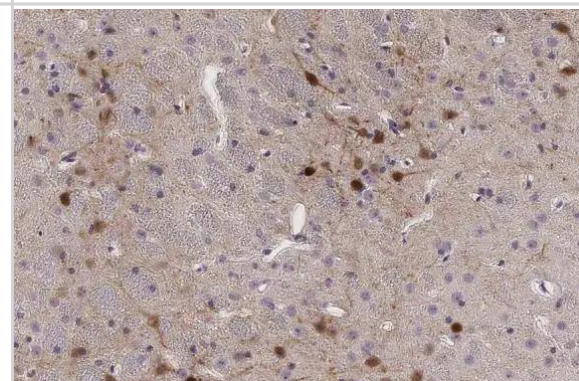
Immunohistochemistry-Paraffin: Calretinin Antibody [NBP1-32244] - Mouse retina, using Calretinin antibody at 1:250 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Calretinin antibody (NBP1-32244) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



Calretinin antibody detects Calretinin protein at cytoplasm and nucleus by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. Calretinin stained by Calretinin antibody (NBP1-32244) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



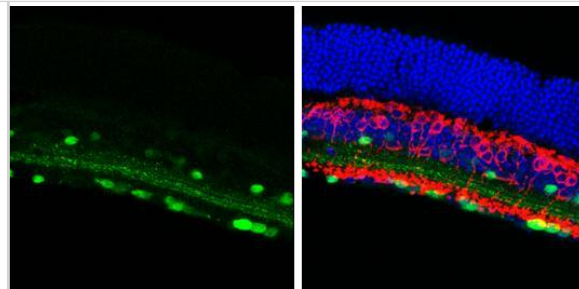
Calretinin antibody detects Calretinin protein in the amacrine cells by immunohistochemical analysis.

Sample: Frozen sectioned adult mouse retina.

Green: Calretinin protein stained by Calretinin antibody (NBP1-32244) diluted at 1:250.

Red: Protein kinase C alpha staining.

Blue: Fluoroshield with DAPI .



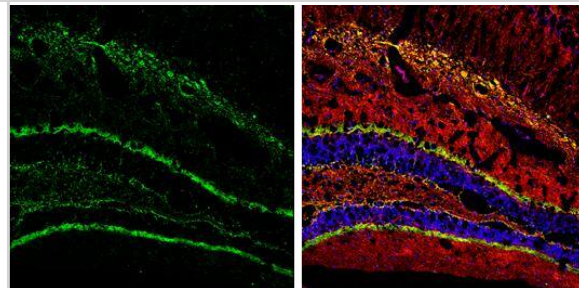
Calretinin antibody detects Calretinin protein by immunohistochemical analysis.

Samples: Frozen Section adult mouse hippocampus.

Green: Calretinin protein stained by Calretinin antibody (NBP1-32244) diluted at 1:250.

Red: NF-H, stained by NF-H antibody [GT114] diluted at 1:500.

Blue: Fluoroshield with DAPI .



Publications

Carlton AJ, Jeng JY, Grandi FC, De Faveri F et Al. BAI1 localizes AMPA receptors at the cochlear afferent post-synaptic density and is essential for hearing Cell Rep 2024-04-02 [PMID: 38564333]

Brokhman I, Xu J, Coles BLK et al. Dual embryonic origin of the mammalian enteric nervous system. Dev. Biol. 2018-11-22 [PMID: 30472119] (ICC/IF, Mouse)

Robinson CL, Chong ACN, Ashbrook AW et al. Male germ cells support long-term propagation of Zika virus Nat Commun 2018-05-29 [PMID: 29844387] (ICC/IF, Human)



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Products Related to NBP1-32244

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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