

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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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

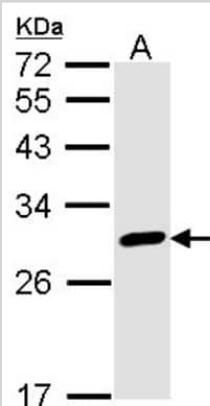
| | |
|-------------------------|--|
| Host | Rabbit |
| Gene ID | 794 |
| Gene Symbol | CALB2 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Chicken (89%). |
| Marker | Mesothelial Cell Marker |
| Immunogen | Recombinant protein encompassing a sequence within the center region of human Calretinin. The exact sequence is proprietary. |

Product Application Details

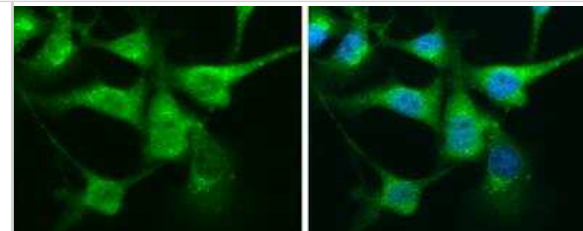
| | |
|------------------------------|---|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000 |

Images

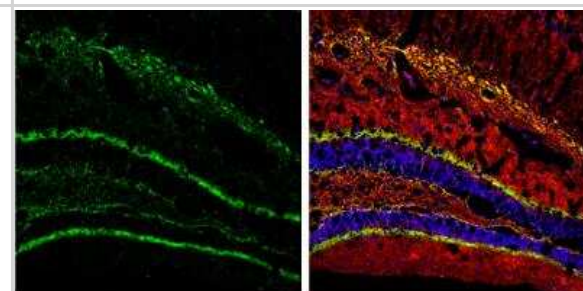
Western Blot: Calretinin Antibody [NBP1-32244] - Sample (30 ug of whole cell lysate) A: A431 12% SDS PAGE Calretinin antibody, antibody diluted at 1:1000.



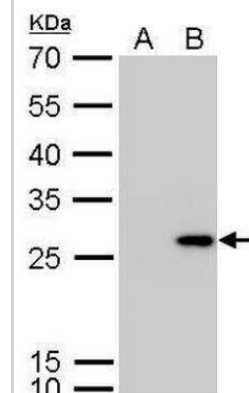
Immunocytochemistry/Immunofluorescence: Calretinin Antibody [NBP1-32244] - U87-MG cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Calretinin protein stained by Calretinin antibody diluted at 1:200. Blue: Hoechst 33342 staining.



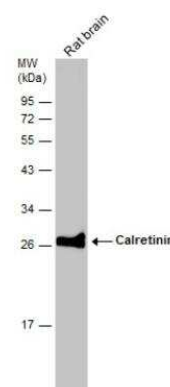
Immunohistochemistry-Frozen: Calretinin Antibody [NBP1-32244] - Frozen Section adult mouse hippocampus. Green: Calretinin protein stained by Calretinin antibody diluted at 1:250. Red: NF-H, stained by NF-H antibody [114] diluted at 1:500. Blue: Fluoroshield with DAPI.



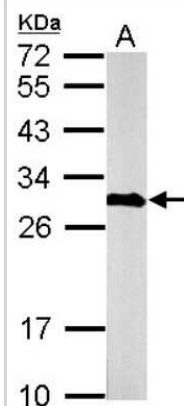
Western Blot: Calretinin Antibody [NBP1-32244] - A. 30 ug 293T whole cell lysate/extract. B. 30 ug whole cell lysate/extract of human CALB2-transfected 293T cells.



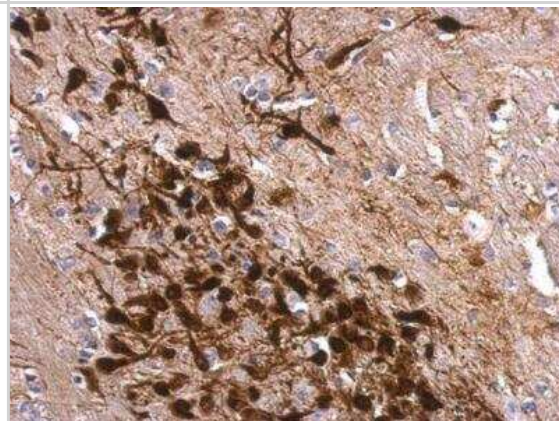
Western Blot: Calretinin Antibody [NBP1-32244] - Rat tissue extract (50 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with Calretinin antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



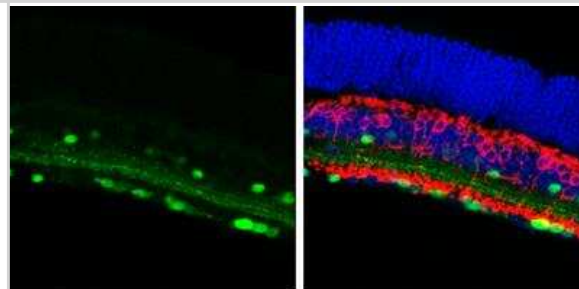
Western Blot: Calretinin Antibody [NBP1-32244] - Sample (50 ug of whole cell lysate) A: mouse brain 12% SDS PAGE; antibody diluted at 1:1000.



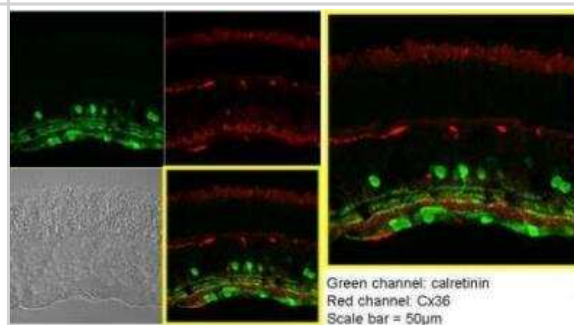
Immunohistochemistry-Paraffin: Calretinin Antibody [NBP1-32244] - Mouse fore brain. Calretinin antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



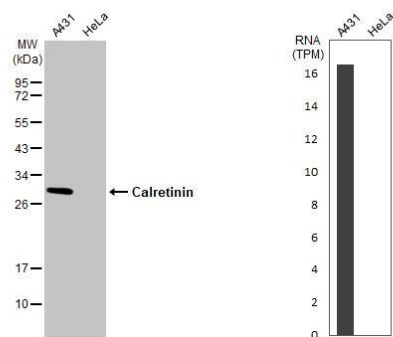
Immunohistochemistry-Frozen: Calretinin Antibody [NBP1-32244] - Frozen sectioned adult mouse retina. Green: Calretinin protein stained by Calretinin antibody diluted at 1:250. Red: Protein kinase C alpha staining. Blue: Fluoroshield with DAPI.



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.



Western Blot: Calretinin Antibody [NBP1-32244] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Calretinin antibody 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.



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)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-32244

| | |
|------------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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