

Product Datasheet

Calretinin Antibody (CALB2/2602)

NBP3-07365-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-07365-100ug

Calretinin Antibody (CALB2/2602)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	CALB2/2602
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	29 kDa

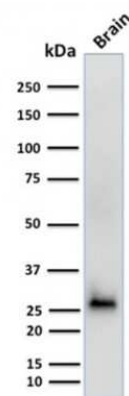
Product Description	
Description	200ug/ml of antibody purified from rabbit anti-serum by Protein A. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0 mg/ml. (NBP3-08323) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	794
Gene Symbol	CALB2
Species	Human
Marker	Mesothelioma Marker
Specificity/Sensitivity	It recognizes a protein of about 29kDa, which is identified as Calretinin (also known as Calbindin 2). Calretinin is a vitamin D-dependent calcium-binding protein involved in calcium signaling. It is present in subsets of neurons throughout the brain and spinal chord, including sensory ganglia. Antibody to calretinin is useful in differentiating mesothelioma from adenocarcinomas of the lung. It also aids in differentiating adrenal cortical neoplasms from pheochromocytomas.
Immunogen	Recombinant human Calretinin protein fragment (around aa23-242) (exact sequence is proprietary) (Uniprot: P22676)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

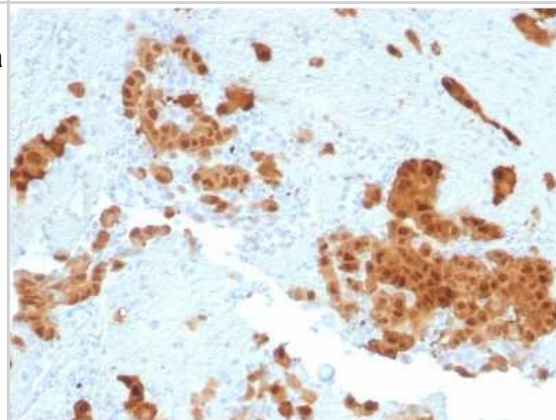


Images

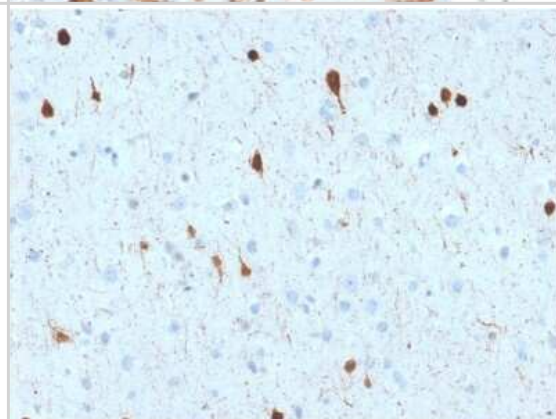
Western Blot: Calretinin Antibody (CALB2/2602) [NBP3-07365] - Western Blot Analysis of human Brain tissue lysate using Calretinin Mouse Monoclonal Antibody (CALB2/2602).



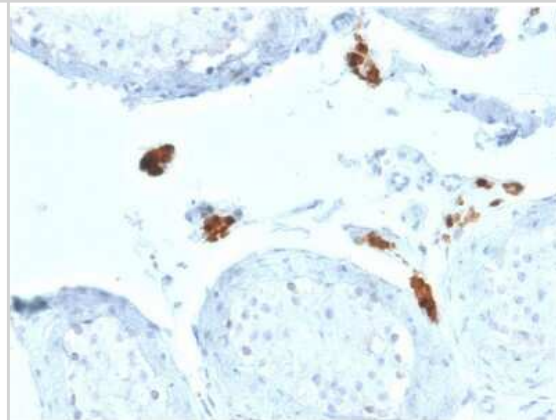
Immunohistochemistry-Paraffin: Calretinin Antibody (CALB2/2602) [NBP3-07365] - Formalin-fixed, paraffin-embedded human Mesothelioma stained with Calretinin Mouse Monoclonal Antibody (CALB2/2602).



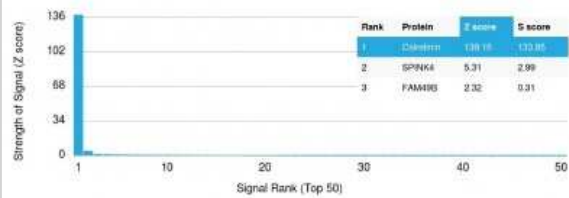
Immunohistochemistry-Paraffin: Calretinin Antibody (CALB2/2602) [NBP3-07365] - Formalin-fixed, paraffin-embedded human Cerebellum stained with Calretinin Mouse Monoclonal Antibody (CALB2/2602).



Immunohistochemistry-Paraffin: Calretinin Antibody (CALB2/2602) [NBP3-07365] - Formalin-fixed, paraffin-embedded human Testicular Carcinoma stained with Calretinin Mouse Monoclonal Antibody (CALB2/2602).



Protein Array: Calretinin Antibody (CALB2/2602) [NBP3-07365] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Calretinin Mouse Monoclonal Antibody (CALB2/2602).





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 NBP3-07365-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
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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