

# Product Datasheet

## Calretinin Antibody (CALB2/2602) - Azide and BSA Free NBP3-08323

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP3-08323**

Calretinin Antibody (CALB2/2602) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CALB2/2602
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	10 mM PBS
Target Molecular Weight	29 kDa

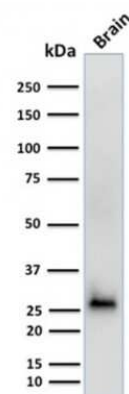
Product Description	
Description	1.0 mg/ml of antibody purified from rabbit anti-serum by Protein A. Prepared in 10mM PBS WITHOUT BSA. Also available at 200 ug/ml WITH BSA & azide (NBP3-07365).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	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.

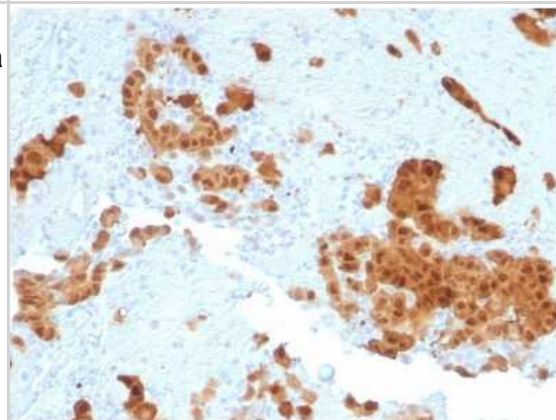


## Images

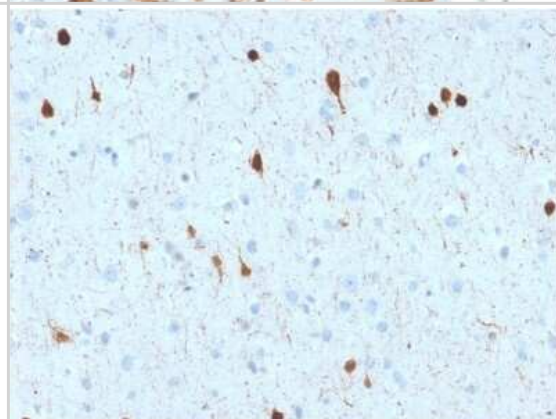
Western Blot: Calretinin Antibody (CALB2/2602) [NBP3-08323] - Western Blot Analysis of human Brain tissue lysate using Calretinin Mouse Monoclonal Antibody (CALB2/2602).



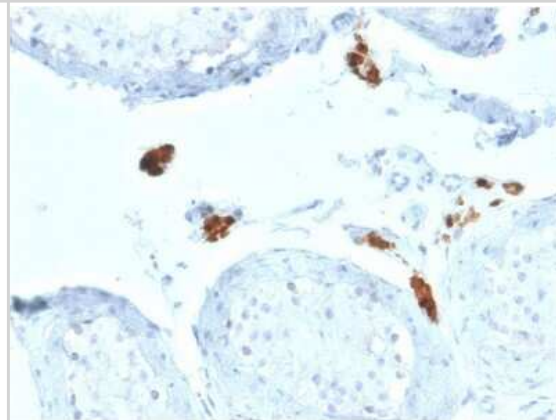
Immunohistochemistry-Paraffin: Calretinin Antibody (CALB2/2602) [NBP3-08323] - Formalin-fixed, paraffin-embedded human Mesothelioma stained with Calretinin Mouse Monoclonal Antibody (CALB2/2602).



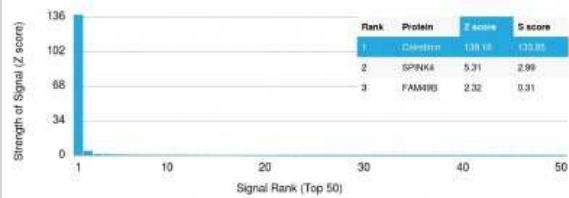
Immunohistochemistry-Paraffin: Calretinin Antibody (CALB2/2602) [NBP3-08323] - Formalin-fixed, paraffin-embedded human Cerebellum stained with Calretinin Mouse Monoclonal Antibody (CALB2/2602).



Immunohistochemistry-Paraffin: Calretinin Antibody (CALB2/2602) [NBP3-08323] - Formalin-fixed, paraffin-embedded human Testicular Carcinoma stained with Calretinin Mouse Monoclonal Antibody (CALB2/2602).



Protein Array: Calretinin Antibody (CALB2/2602) [NBP3-08323] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Calretinin Mouse Monoclonal Antibody (CALB2/2602).





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### **Products Related to NBP3-08323**

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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

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### **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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