

Product Datasheet

Calretinin Antibody (CL12842) - Azide and BSA Free NBP3-44167

Unit Size: 100 ug

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

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Updated 9/9/2025 v.20.1

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NBP3-44167

Calretinin Antibody (CL12842) - Azide and BSA Free

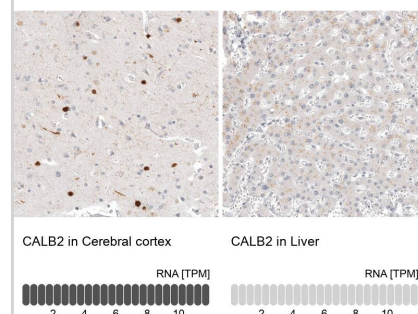
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL12842
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Description	Novus Biologicals Mouse Calretinin Antibody (CL12842) - Azide and BSA Free (NBP3-18545) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	794
Gene Symbol	CALB2
Species	Human, Mouse
Immunogen	This antibody was generated using a recombinant protein sequence of P22676, with the exact immunogen sequence remaining proprietary.

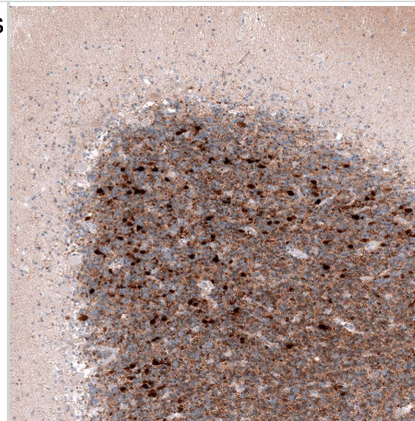
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

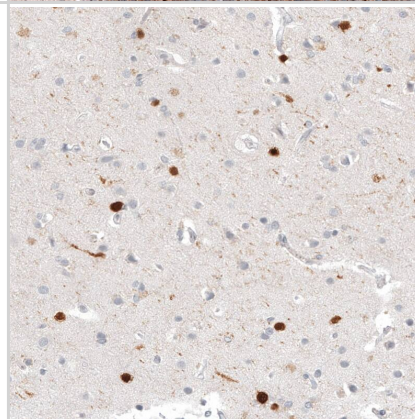
Analysis in human cerebral cortex and liver tissues using NBP3-44167 antibody. Corresponding Calretinin RNA-seq data are presented for the same tissues.



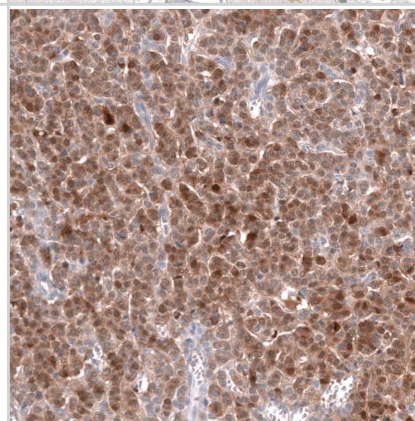
Staining of human cerebellum shows strong cytoplasmic positivity in cells in granular layer.



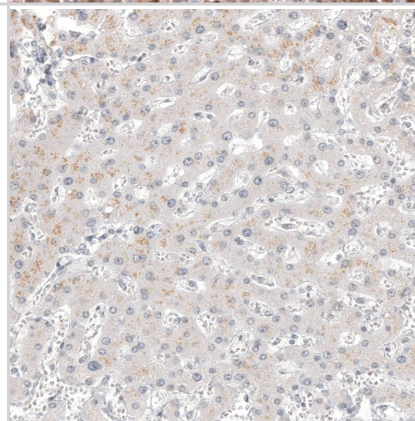
Staining of human cerebral cortex shows strong cytoplasmic positivity in a subset of neurons.



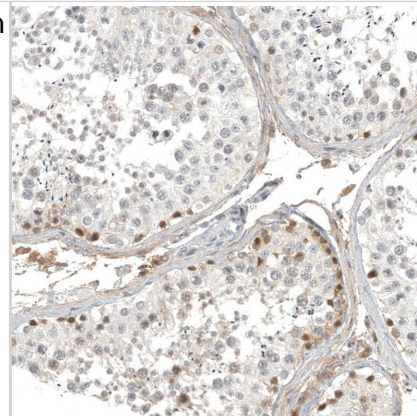
Staining of human ovarian cancer (granular cell carcinoma) shows moderate cytoplasmic positivity in tumor cells.



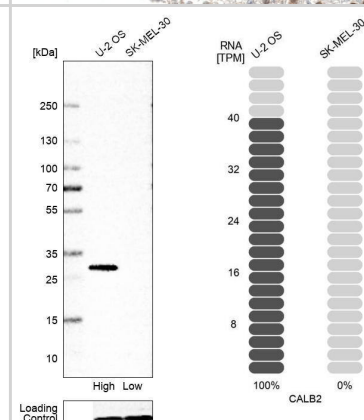
Staining of human liver shows no positivity in hepatocytes as expected.



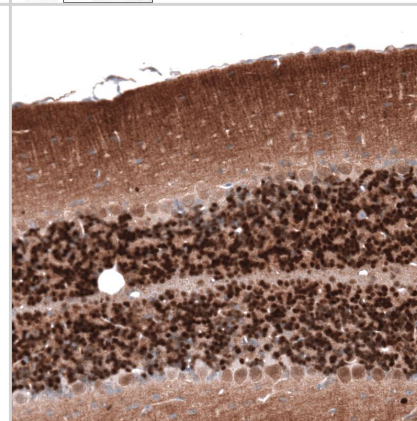
Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.



Analysis in human cell line U-2 OS and human cell line SK-MEL-30.



Staining of mouse brain shows strong cytoplasmic positivity in cells in granular layer.





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Products Related to NBP3-44167

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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