

# Product Datasheet

## Calretinin Antibody (CL12842) - BSA Free NBP3-18545-100ul

Unit Size: 100 ul

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

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**NBP3-18545-100ul**

Calretinin Antibody (CL12842) - BSA Free

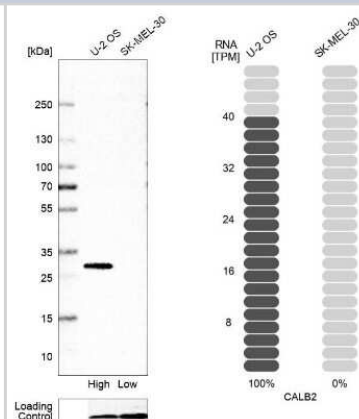
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL12842
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse Calretinin Antibody (CL12842) - 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 developed using a recombinant protein derived from P22676, with the exact immunogen sequence remaining proprietary.

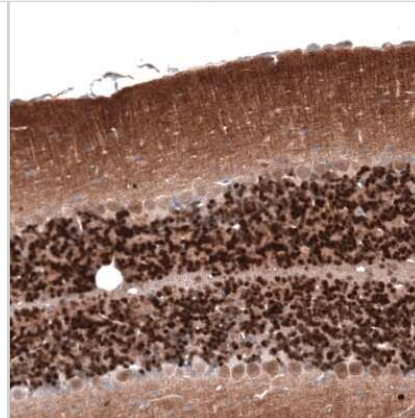
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

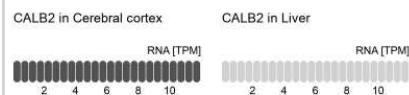
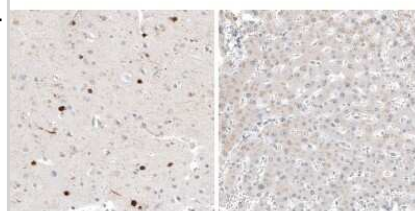
Western Blot: Calretinin Antibody (CL12842) [NBP3-18545] - Analysis in human cell line U-2 OS and human cell line SK-MEL-30.



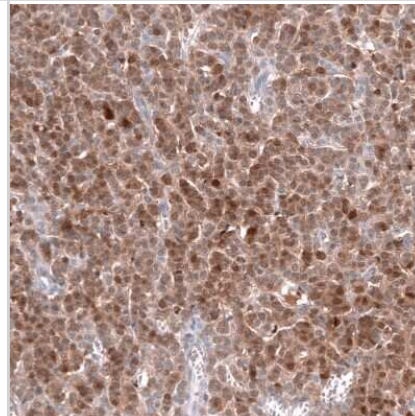
Immunohistochemistry-Paraffin: Calretinin Antibody (CL12842) [NBP3-18545] - Staining of mouse brain shows strong cytoplasmic positivity in cells in granular layer.



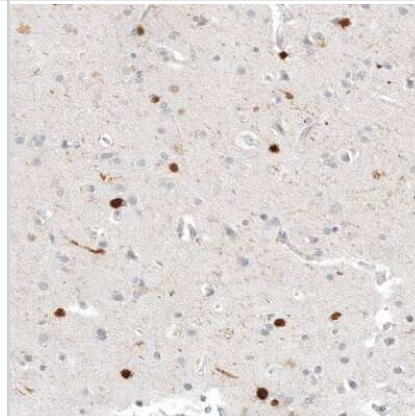
Immunohistochemistry-Paraffin: Calretinin Antibody (CL12842) [NBP3-18545] - Analysis in human cerebral cortex and liver tissues using NBP3-18545 antibody. Corresponding CALB2 RNA-seq data are presented for the same tissues.



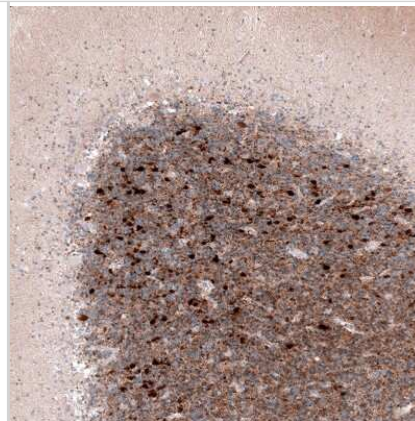
Immunohistochemistry-Paraffin: Calretinin Antibody (CL12842) [NBP3-18545] - Staining of human ovarian cancer (granular cell carcinoma) shows moderate cytoplasmic positivity in tumor cells.



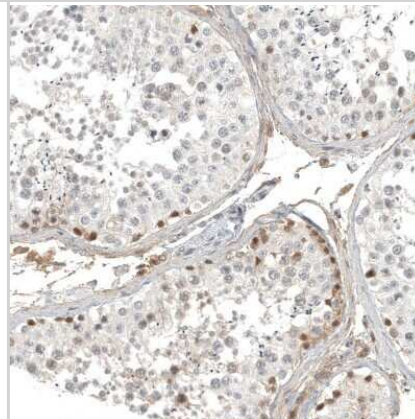
Immunohistochemistry-Paraffin: Calretinin Antibody (CL12842) [NBP3-18545] - Staining of human cerebral cortex shows strong cytoplasmic positivity in a subset of neurons.



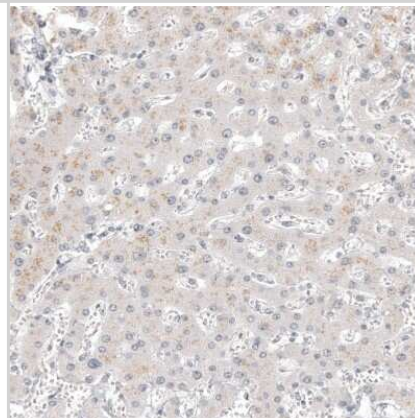
Immunohistochemistry-Paraffin: Calretinin Antibody (CL12842) [NBP3-18545] - Staining of human cerebellum shows strong cytoplasmic positivity in cells in granular layer.



Immunohistochemistry-Paraffin: Calretinin Antibody (CL12842) [NBP3-18545] - Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: Calretinin Antibody (CL12842) [NBP3-18545] - Staining of human liver shows no positivity in hepatocytes as expected.





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### **Products Related to NBP3-18545-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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