

Product Datasheet

Calretinin Antibody - BSA Free

NBP1-88220

Unit Size: 0.1 ml

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

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NBP1-88220

Calretinin Antibody - BSA Free

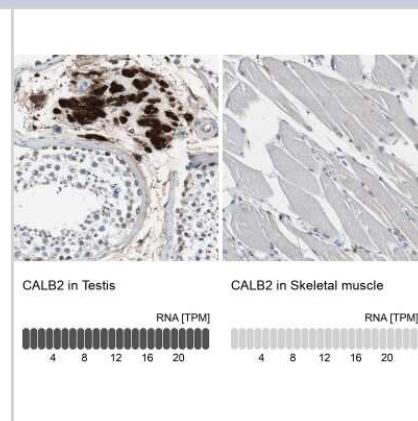
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	794
Gene Symbol	CALB2
Species	Human, Mouse, Rat
Marker	Mesothelial Cell Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MAGPQQQPPYLHLAELTASQFLEIWKHFDADGNGYIEGKELENFFQELEKARK GSGMMSKSDNFGEKMKKEFMQKYDKNSDGKIEMAELAQILPTEENFLLCFRQH VGSSAEFMEAWRKY

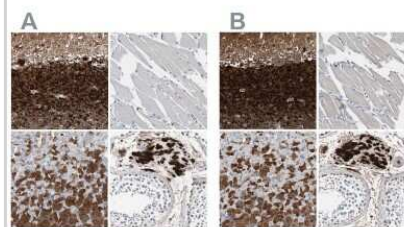
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

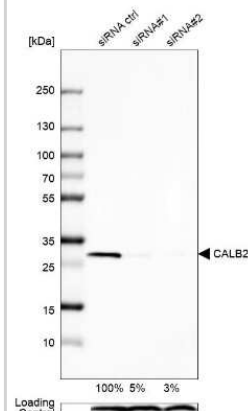
Immunohistochemistry-Paraffin: Calretinin Antibody [NBP1-88220] - Staining in human testis and skeletal muscle tissues using NBP1-88220 antibody. Corresponding CALB2 RNA-seq data are presented for the same tissues.



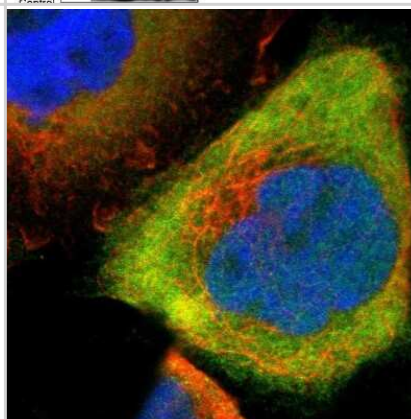
Immunohistochemistry-Paraffin: Calretinin Antibody [NBP1-88220] - Staining of human cerebellum, skeletal muscle, stomach and testis using Anti-CALB2 antibody NBP1-88220 (A) shows similar protein distribution across tissues to independent antibody NBP1-88221 (B).



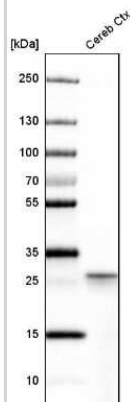
Western Blot: Calretinin Antibody [NBP1-88220] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-PPIB.



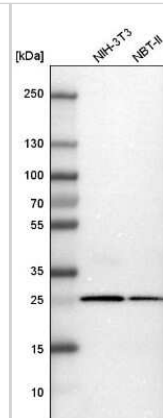
Immunocytochemistry/Immunofluorescence: Calretinin Antibody [NBP1-88220] - Staining of human cell line A-431 shows localization to cytosol. Antibody staining is shown in green.



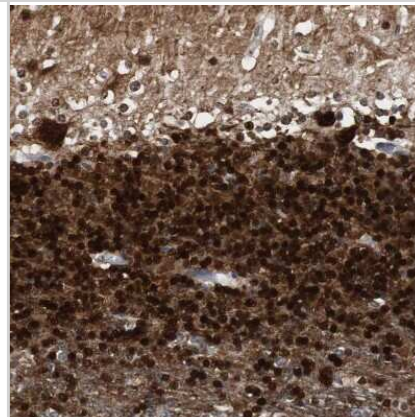
Western Blot: Calretinin Antibody [NBP1-88220] - Analysis in human cerebral cortex tissue.



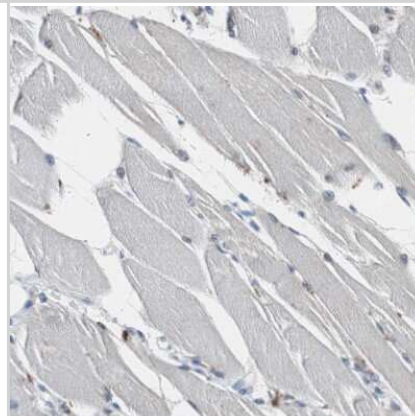
Western Blot: Calretinin Antibody [NBP1-88220] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



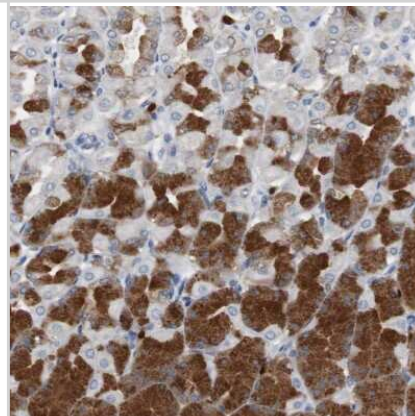
Immunohistochemistry-Paraffin: Calretinin Antibody [NBP1-88220] - Staining of human cerebellum shows strong cytoplasmic and nuclear positivity in cells in granular layer.



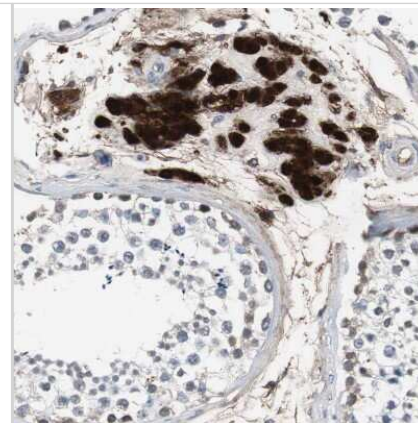
Immunohistochemistry-Paraffin: Calretinin Antibody [NBP1-88220] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: Calretinin Antibody [NBP1-88220] - Staining of human stomach shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Calretinin Antibody [NBP1-88220] - Staining of human testis shows strong cytoplasmic and nuclear positivity in Leydig cells.



Publications

Mulder J, Bjorling E, Jonasson K et al. Tissue Profiling of the Mammalian Central Nervous System Using Human Antibody-based Proteomics. *Mol Cell Proteomics* 2009-07-01 [PMID: 19351664]



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Products Related to NBP1-88220

NBP1-88220PEP	Calretinin Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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