

Product Datasheet

PICALM Antibody - BSA Free

NBP1-86659

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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NBP1-86659

PICALM 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

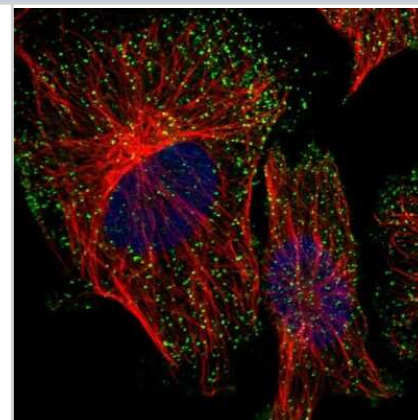
Description	Novus Biologicals Rabbit PICALM Antibody - BSA Free (NBP1-86659) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8301
Gene Symbol	PICALM
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VHLSISSDVSTFTTRTPTHEMFVGFTPSPVAQPHPSAGLNVDVFESVFGNKSTNV IVDSGGFDELGGLLKPTVASQNNLPVAKLPPSKLVSDDLSSLA

Product Application Details

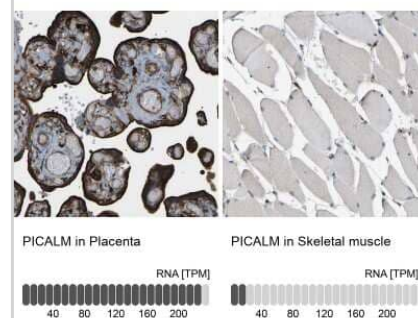
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500-1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

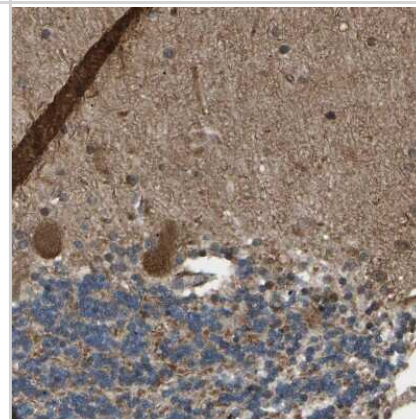
Immunocytochemistry/Immunofluorescence: PICALM Antibody [NBP1-86659] - Staining of human cell line U-251 MG shows localization to vesicles.



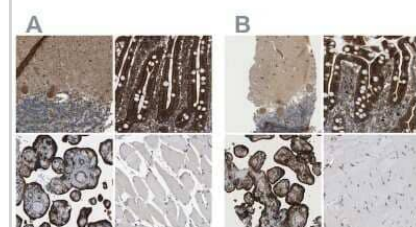
Immunohistochemistry-Paraffin: PICALM Antibody [NBP1-86659] - Staining in human placenta and skeletal muscle tissues using NBP1-86659 antibody. Corresponding PICALM RNA-seq data are presented for the same tissues.



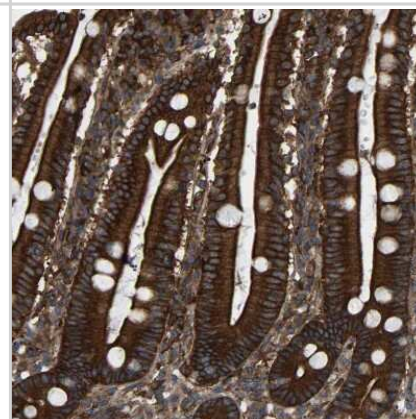
Immunohistochemistry-Paraffin: PICALM Antibody [NBP1-86659] - Staining of human cerebellum shows moderate cytoplasmic positivity in Purkinje cells.



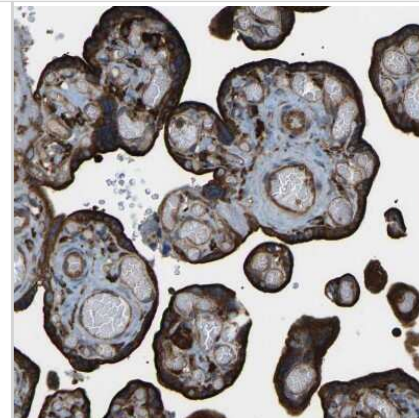
Immunohistochemistry-Paraffin: PICALM Antibody [NBP1-86659] - Staining of human cerebellum, duodenum, placenta and skeletal muscle using Anti-PICALM antibody NBP1-86659 (A) shows similar protein distribution across tissues to independent antibody NBP1-86658 (B).



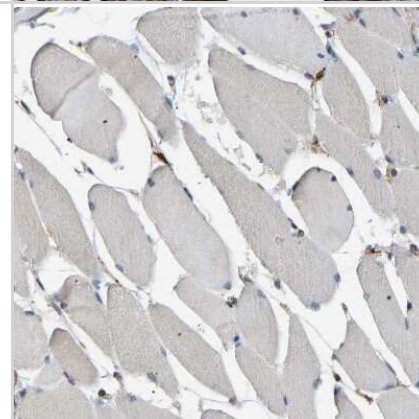
Immunohistochemistry-Paraffin: PICALM Antibody [NBP1-86659] - Staining of human duodenum shows strong membranous and cytoplasmic positivity in glandular cells.



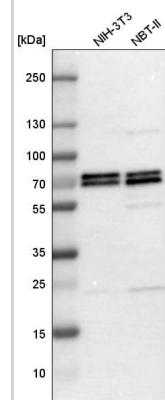
Immunohistochemistry-Paraffin: PICALM Antibody [NBP1-86659] - Staining of human placenta shows strong membranous and cytoplasmic positivity in trophoblastic cells.



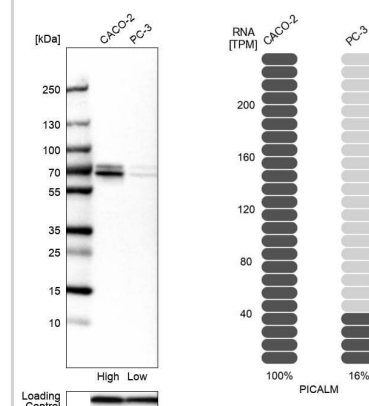
Immunohistochemistry-Paraffin: PICALM Antibody [NBP1-86659] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in human cell lines Caco-2 and PC-3 using Anti-PICALM antibody. Corresponding PICALM RNA-seq data are presented for the same cell lines. Loading control: Anti-COX4I1.





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Products Related to NBP1-86659

NBP1-86659PEP	PICALM 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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