

Product Datasheet

ADAM10 Antibody (CL13814)

NBP3-24579-100ul

Unit Size: 100 ul

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

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NBP3-24579-100ul

ADAM10 Antibody (CL13814)

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	CL13814
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description

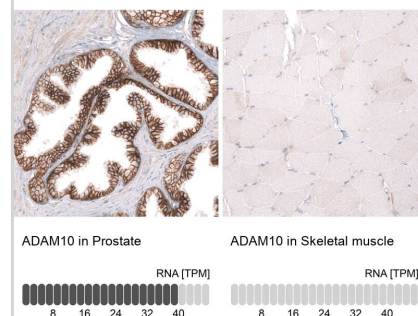
Host	Mouse
Gene ID	102
Gene Symbol	ADAM10
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from O14672, with the exact immunogen sequence remaining proprietary.

Product Application Details

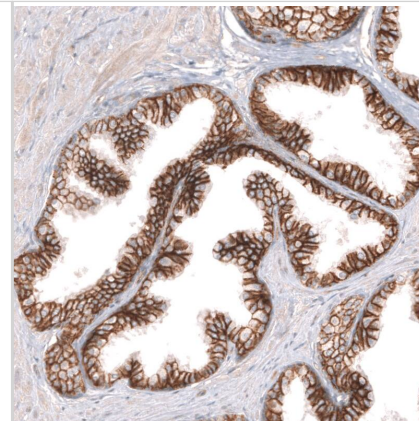
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments, For ICC/IF, we recommend using a combination of PFA and Triton X-100. This will give you the optimal results for your experiments.

Images

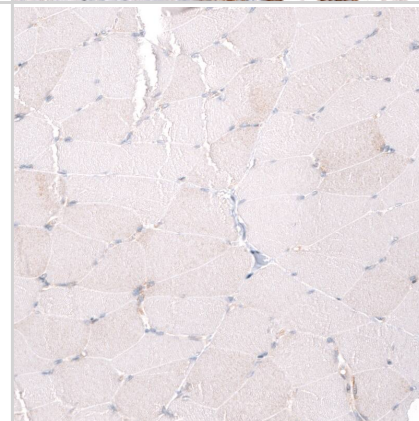
Analysis in human prostate and skeletal muscle tissues using NBP3-24579 antibody. Corresponding ADAM10 RNA-seq data are presented for the same tissues.



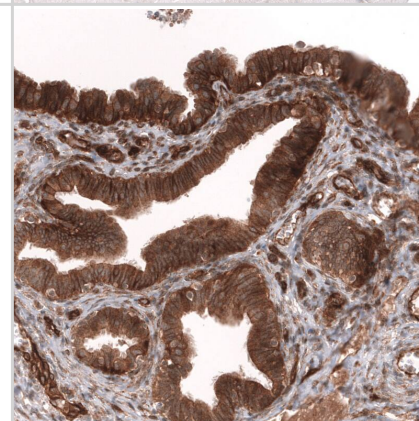
Staining of human prostate shows strong membranous positivity in glandular cells.



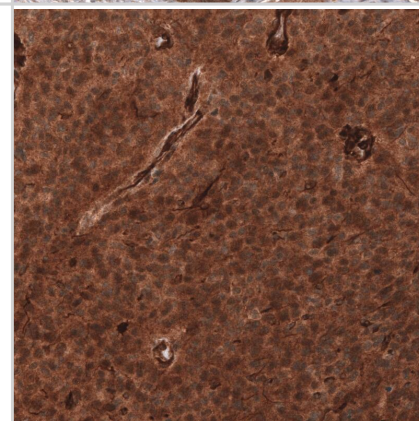
Staining of human skeletal muscle shows no positivity in myocytes as expected.



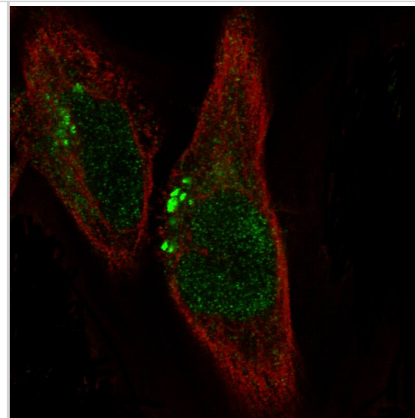
Staining of human fallopian tube shows strong cytoplasmic and membranous positivity in glandular cells.



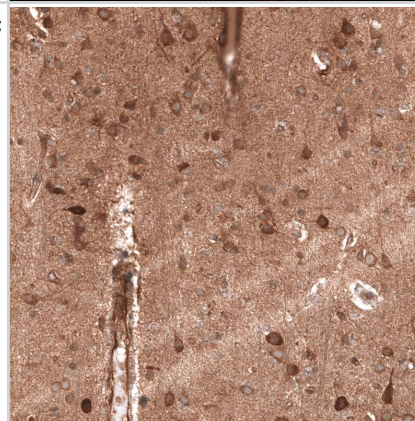
Staining of human anaplastic oligodendroglioma shows strong cytoplasmic positivity in tumor cells.



Staining in RH-30 cell line with Anti-ADAM10 monoclonal antibody, showing specific staining of Golgi apparatus and nucleus in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.





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Products Related to NBP3-24579-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-76973PEP	ADAM10 Antibody Blocking Peptide

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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