

Product Datasheet

ADAM10 Antibody (CL13809) - Azide and BSA Free NBP3-43797

Unit Size: 100 ug

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

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NBP3-43797

ADAM10 Antibody (CL13809) - 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	CL13809
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

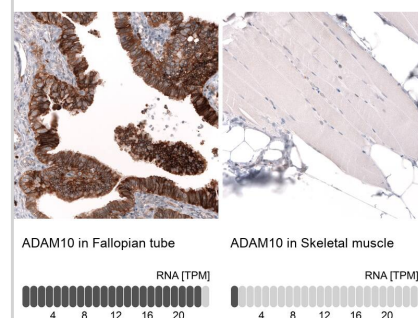
Description	Novus Biologicals Mouse ADAM10 Antibody (CL13809) - Azide and BSA Free (NBP3-24578) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	102
Gene Symbol	ADAM10
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of O14672, with the exact immunogen sequence remaining proprietary.

Product Application Details

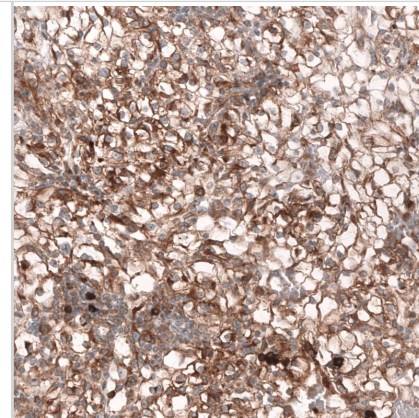
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments.

Images

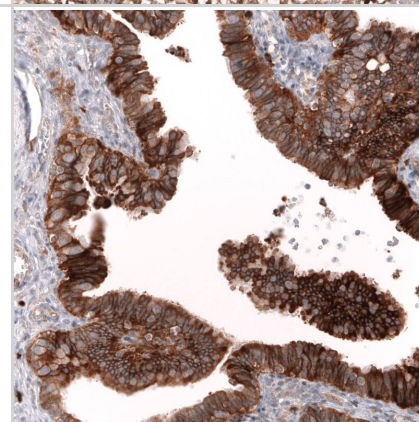
Analysis in human fallopian tube and skeletal muscle tissues using NBP3-43797 antibody. Corresponding ADAM10 RNA-seq data are presented for the same tissues.



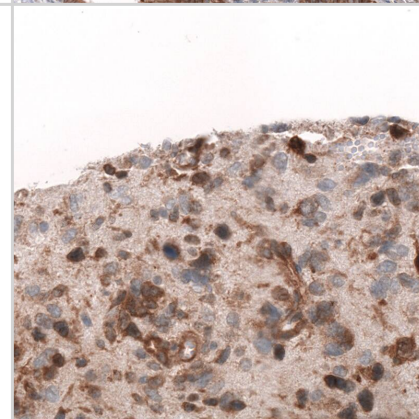
Staining of human kidney cancer shows moderate to strong membranous positivity in tumor cells.



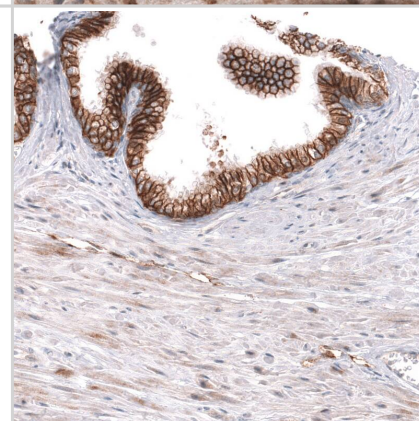
Staining of human fallopian tube shows strong membranous positivity in glandular cells.



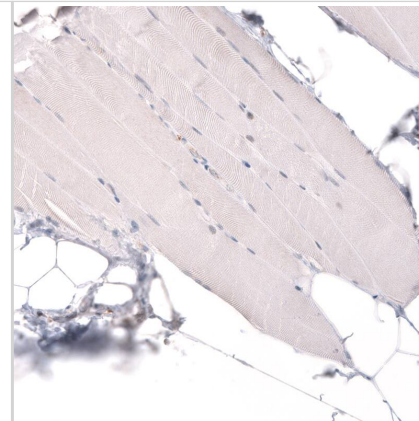
Staining of human glioblastoma multiforme shows moderate to strong cytoplasmic positivity in tumor cells.



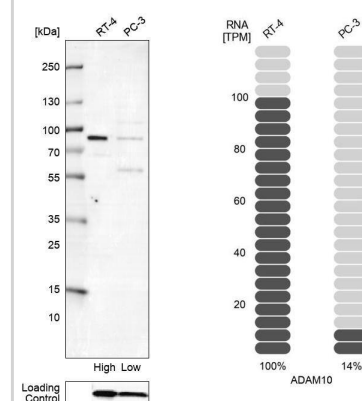
Staining of human prostate shows strong membranous positivity in glandular cells.



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



Analysis in human cell lines RT-4 and PC-3 using Anti-ADAM10 antibody. Corresponding ADAM10 RNA-seq data are presented for the same cell lines. Loading control: Anti-PFN1.



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Products Related to NBP3-43797

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)
NBP1-76973PEP	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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