

# Product Datasheet

## ADAM10 Antibody (CL13809)

### NBP3-24578-100ul

Unit Size: 100 ul

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

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**NBP3-24578-100ul**

ADAM10 Antibody (CL13809)

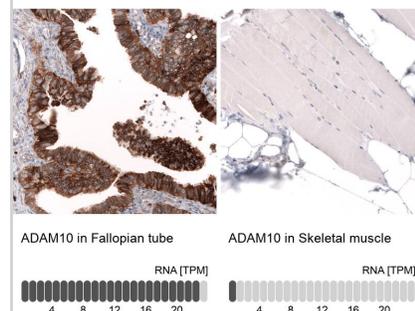
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13809
Preservative	0.02% Sodium Azide
Isotype	IgG1
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.

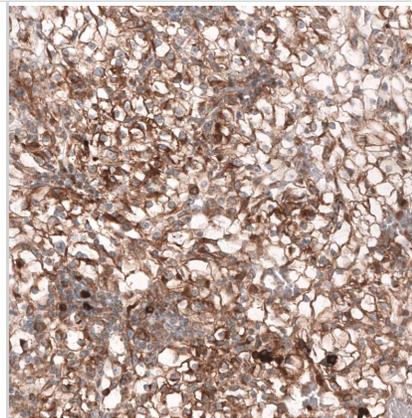
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced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

**Images**

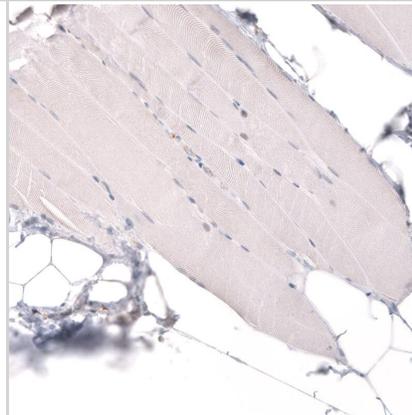
Analysis in human fallopian tube and skeletal muscle tissues using NBP3-24578 antibody. Corresponding ADAM10 RNA-seq data are presented for the same tissues.



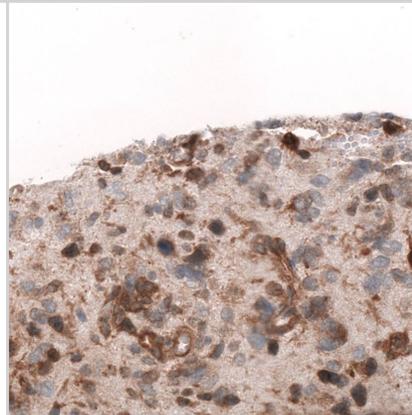
Staining of human kidney cancer shows moderate to strong membranous positivity in tumor cells.



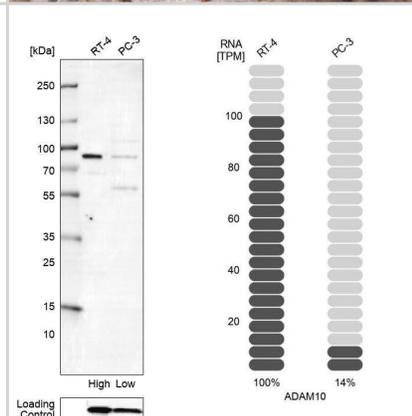
Staining of human skeletal muscle shows no positivity in myocytes as expected.



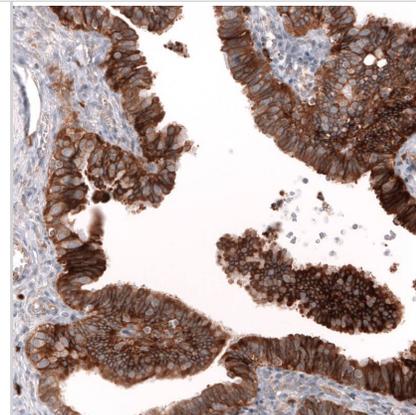
Staining of human glioblastoma multiforme shows moderate to strong cytoplasmic positivity in tumor cells.



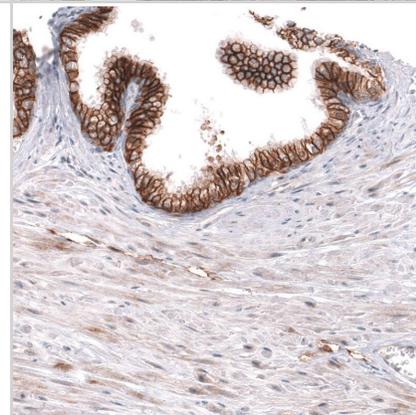
Western blot analysis in human cell lines RT-4 and PC-3 using Anti-ADAM10 antibody. Corresponding ADAM10 RNA-seq data are presented for the same cell lines. Loading control: Anti-PFN1.



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



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





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### **Products Related to NBP3-24578-100ul**

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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

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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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