

Product Datasheet

CD81 Antibody - BSA Free NBP1-80701

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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NBP1-80701

CD81 Antibody - BSA Free

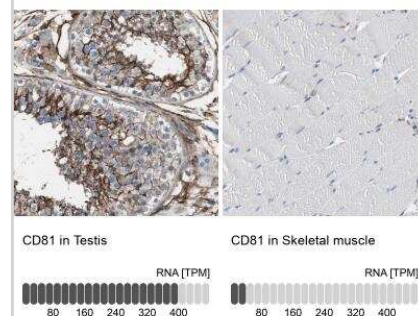
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	975
Gene Symbol	CD81
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (85%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VNKDQIAKDVKQFYDQALQQAVVDDDANNAKAVVKTFHETLDCCGSSTLTALT TSVLKNNLCPSPGSNIISNLFKEDCHQKIDDLFSGKLYL

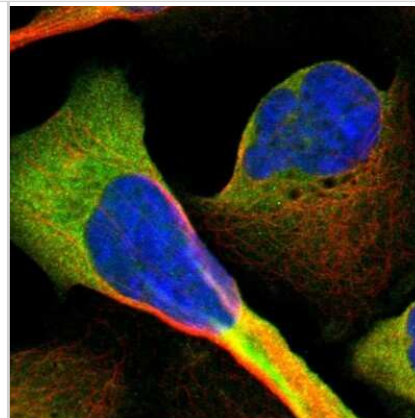
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application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

Images

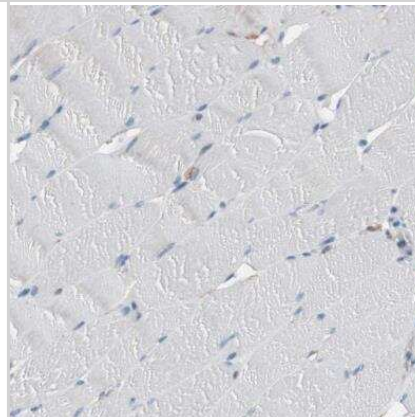
Immunohistochemistry-Paraffin: CD81 Antibody [NBP1-80701] - Analysis in human testis and skeletal muscle tissues. Corresponding RNA-seq data are presented for the same tissues.



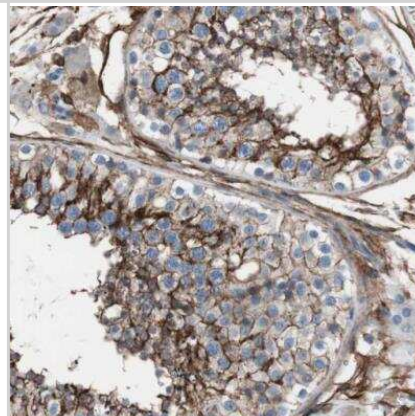
Immunocytochemistry/Immunofluorescence: CD81 Antibody [NBP1-80701] - Staining of human cell line U-2 OS shows localization to plasma membrane & cytosol. Antibody staining is shown in green.



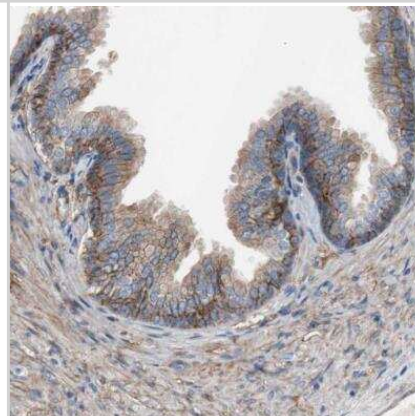
Immunohistochemistry-Paraffin: CD81 Antibody [NBP1-80701] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



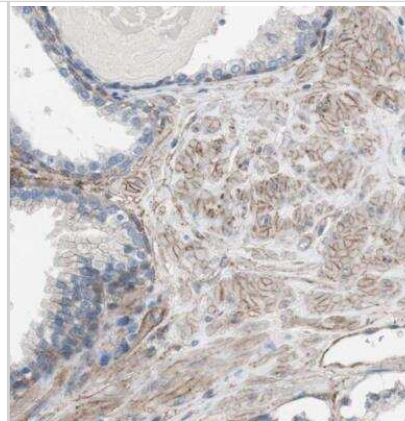
Immunohistochemistry-Paraffin: CD81 Antibody [NBP1-80701] - Staining of human testis shows strong membranous positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: CD81 Antibody [NBP1-80701] - Staining of human prostate shows moderate membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: CD81 Antibody [NBP1-80701] - Staining of human prostate shows weak to moderate membranous positivity in smooth muscle cells.



Publications

Yang H, Wu Y, Cheng M et al. Roxadustat (FG-4592) protects against ischemia-induced acute kidney injury via improving CD73 and decreasing AIM2 inflammasome activation Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association 2022-11-22 [PMID: 36413468]

Suzuki K, Tange M, Yamagishi R et al. SMG6 regulates DNA damage and cell survival in Hippo pathway kinase LATS2-inactivated malignant mesothelioma Cell death discovery 2022-11-05 [PMID: 36335095] (ICC/IF, Human)



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Products Related to NBP1-80701

NBP1-80701PEP	CD81 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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