

Product Datasheet

CYP24A1 Antibody - BSA Free

NBP1-85495

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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Publications: 2

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NBP1-85495

CYP24A1 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

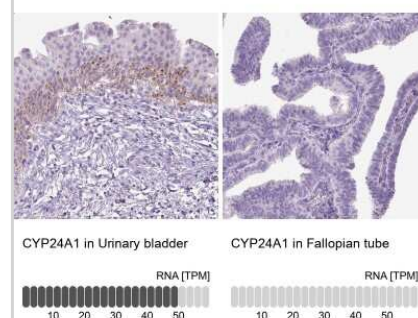
Host	Rabbit
Gene ID	1591
Gene Symbol	CYP24A1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DFLCDIYHQNRLSKKELYAAVTELQLAAVETTANSLMWILYNLSRNPQVQQKLL KEIQSVLPENQVPRAEDLRNMPYLKACLKESMRLTPSVPTTTRTLDKATVLGEY ALPKGTVLMMLNTQV

Product Application Details

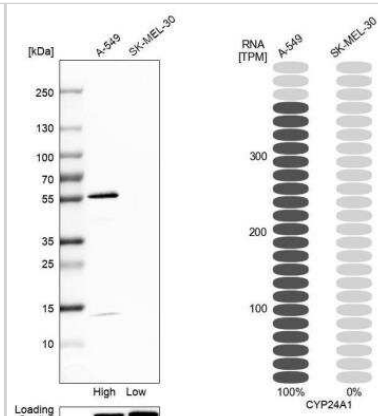
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

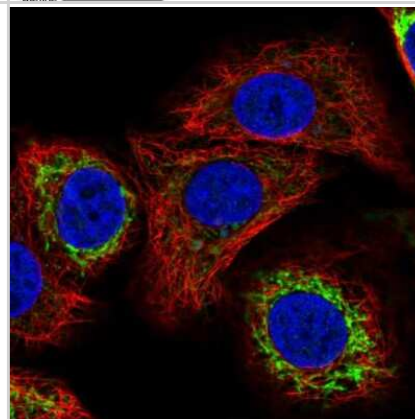
Immunohistochemistry-Paraffin: CYP24A1 Antibody [NBP1-85495] - Analysis in human urinary bladder and fallopian tube tissues using NBP1-85495 antibody. Corresponding CYP24A1 RNA-seq data are presented for the same tissues.



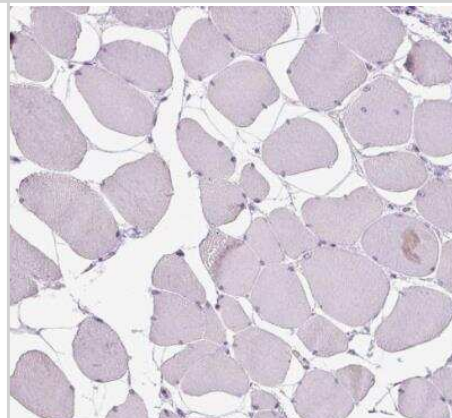
Western Blot: CYP24A1 Antibody [NBP1-85495] - Analysis in human cell lines A-549 and SK-MEL-30. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-PARP1.



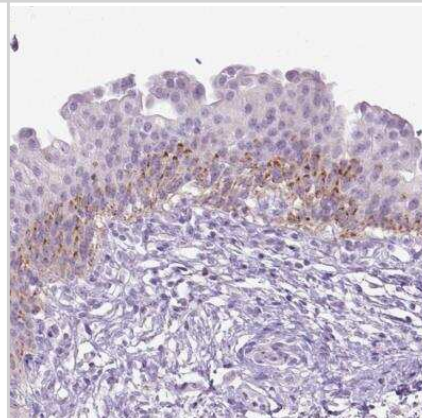
Immunocytochemistry/Immunofluorescence: CYP24A1 Antibody [NBP1-85495] - Staining of human cell line A549 shows localization to mitochondria. Antibody staining is shown in green.



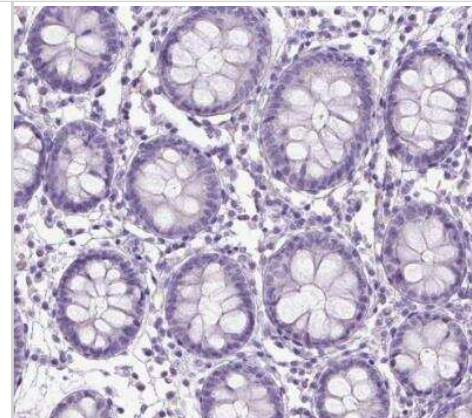
Immunohistochemistry-Paraffin: CYP24A1 Antibody [NBP1-85495] - Staining of human skeletal muscle shows no postivity in myocytes as expected.



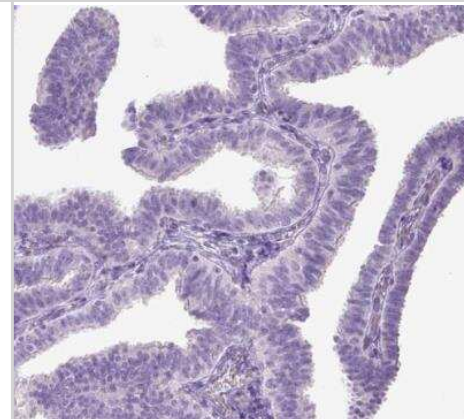
Immunohistochemistry-Paraffin: CYP24A1 Antibody [NBP1-85495] - Staining of human urinary bladder shows high expression



Immunohistochemistry-Paraffin: CYP24A1 Antibody [NBP1-85495] - Staining of human colon shows no postivity in glandular cells as expected.



Immunohistochemistry-Paraffin: CYP24A1 Antibody [NBP1-85495] - Staining of human fallopian tube shows no postivity in glanduar cells as expected.



Publications

Lu W, Yu Z, Liu J et al. Circular RNA Circ_0005962 Contributes to Lung Adenocarcinoma Cell Proliferation and Stem Cell Formation Through Sponging of miR-3611 and Modulating CYP24A1 Expression Biochemical genetics 2022-12-21 [PMID: 36542209]

Smolders J, Schuurman KG, van Strien ME et al. Expression of vitamin D receptor and metabolizing enzymes in multiple sclerosis-affected brain tissue. J Neuropathol Exp Neurol 2013-02-01 [PMID: 23334593]



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Products Related to NBP1-85495

NBP1-85495PEP	CYP24A1 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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