

Product Datasheet

Uroplakin II Antibody - BSA Free NBP2-38904

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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NBP2-38904

Uroplakin II 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

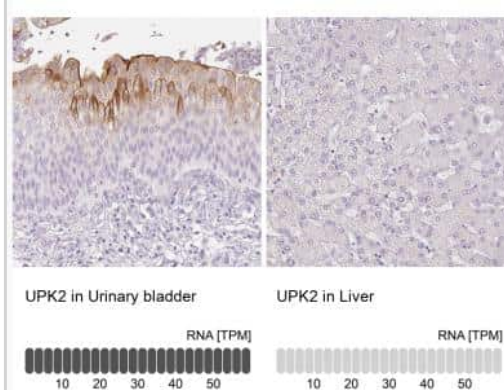
Host	Rabbit
Gene ID	7379
Gene Symbol	UPK2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (85%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: SVVDSGAGFTVTRL SAYQVTNLVPGTKFYISYLVKKGTATESSREIPMSTLPRR NMESIGLG

Product Application Details

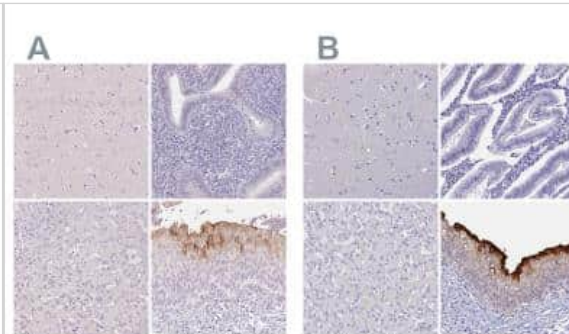
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Validated from a verified customer review, Flow Cytometry Validated from a verified customer review, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

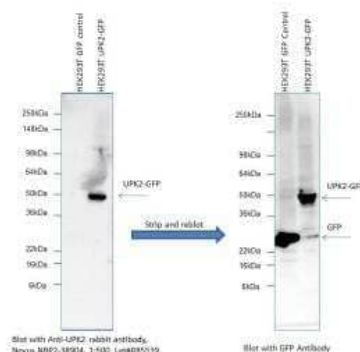
Immunohistochemistry-Paraffin: Uroplakin II Antibody [NBP2-38904] - Analysis in human urinary bladder and liver tissues. Corresponding UPK2 RNA-seq data are presented for the same tissues.



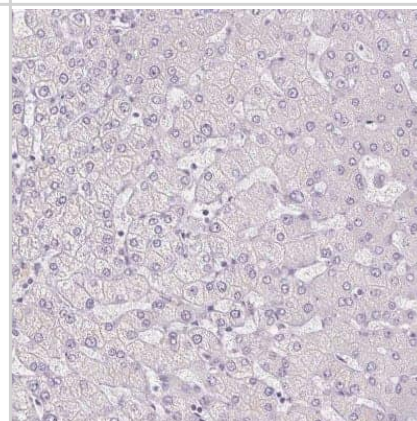
Immunohistochemistry-Paraffin: Uroplakin II Antibody [NBP2-38904] - Staining of human cerebral cortex, endometrium, liver and urinary bladder using Anti-UPK2 antibody NBP2-38904 (A) shows similar protein distribution across tissues to independent antibody NBP2-33389 (B).



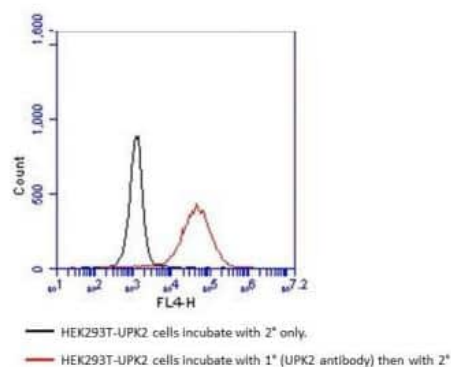
Western Blot: Uroplakin II Antibody [NBP2-38904] - HEK293T cells overexpressed with UPK2 in a GFP construct. Image submitted by a verified customer review.



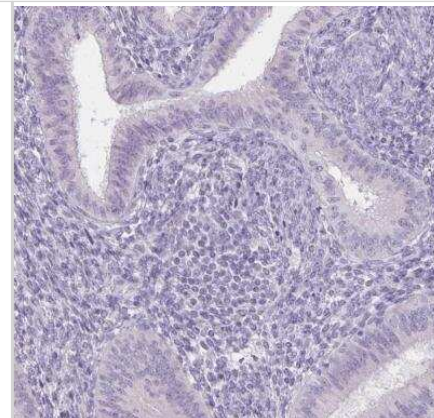
Immunohistochemistry-Paraffin: Uroplakin II Antibody [NBP2-38904] - Staining of human liver shows no positivity in hepatocytes as expected.



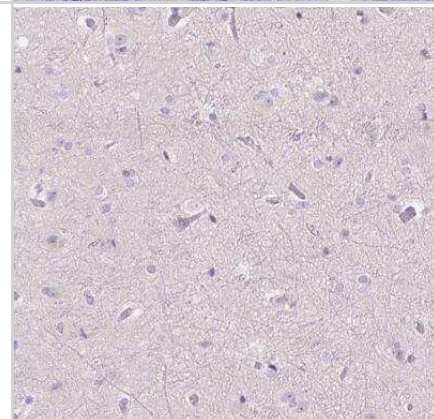
Flow Cytometry: Uroplakin II Antibody [NBP2-38904] - HEK293T cells overexpressed with UPK2. Image submitted by a verified customer review.



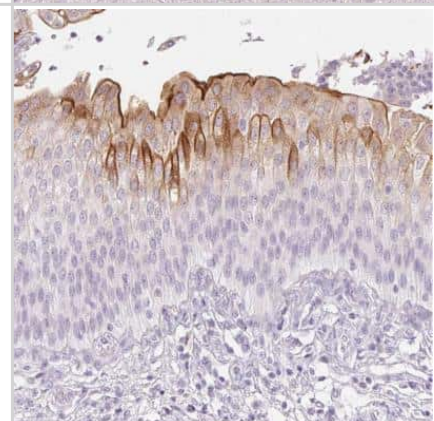
Immunohistochemistry-Paraffin: Uroplakin II Antibody [NBP2-38904] - Staining of human endometrium shows no positivity in glandular cells as expected



Immunohistochemistry-Paraffin: Uroplakin II Antibody [NBP2-38904] - Staining of human cerebral cortex shows no positivity in neurons as expected.



Immunohistochemistry-Paraffin: Uroplakin II Antibody [NBP2-38904] - Staining of human urinary bladder shows moderate membranous positivity in urothelial cells.



Publications

Jafari NV, Rohn JL An immunoresponsive three-dimensional urine-tolerant human urothelial model to study urinary tract infection *Frontiers in cellular and infection microbiology* 2023-03-27 [PMID: 37051302] (ICC/IF, Human)



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Products Related to NBP2-38904

NBP2-38904PEP	Uroplakin II 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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