

Product Datasheet

Cytokeratin 7 Antibody - BSA Free NBP1-88080

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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NBP1-88080

Cytokeratin 7 Antibody - BSA Free

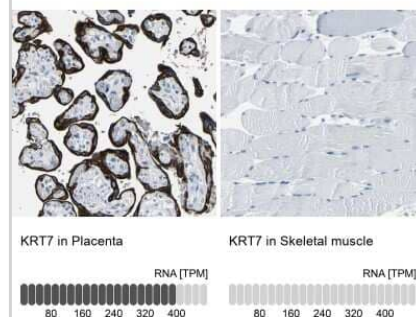
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	3855
Gene Symbol	KRT7
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RQEESQIKTLNKNKFASFIDKVRFLQEQNKLLTKWTLLEQEQKSAKSSRLPDIFE AQIAGLRGQLEALQVDGGRLEAELRSMQDVVEDFKNKYEDEINRRTAAENEFV VLKKDVD

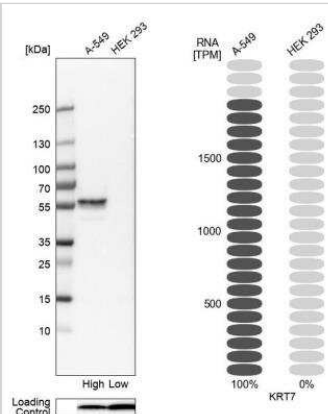
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:50, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in Tonsil, RT-4, separated by Size, antibody dilution of 1:50, apparent MW was 56 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

Images

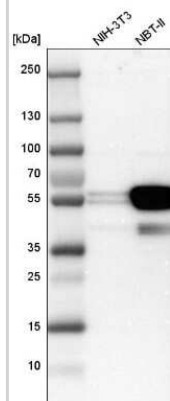
Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody [NBP1-88080] - Staining in human placenta and skeletal muscle tissues . Corresponding KRT7 RNA-seq data are presented for the same tissues.



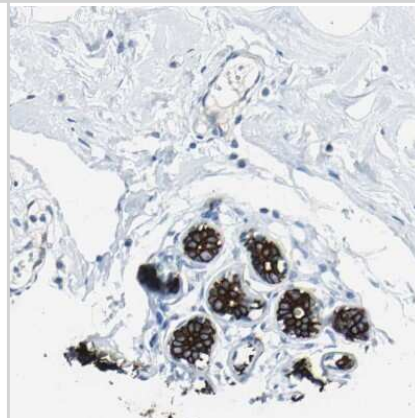
Western Blot: Cytokeratin 7 Antibody [NBP1-88080] - Analysis in human cell lines A-549 and HEK293 using Anti-KRT7 antibody. Corresponding KRT7 RNA-seq data are presented for the same cell lines. Loading control: Anti-COX4I1.



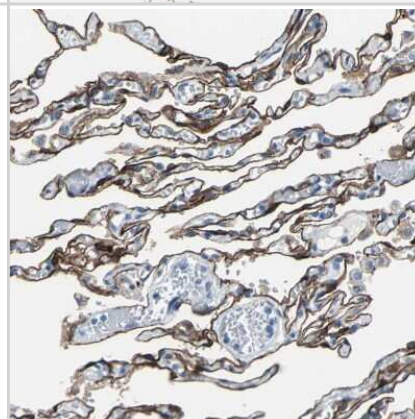
Western Blot: Cytokeratin 7 Antibody [NBP1-88080] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



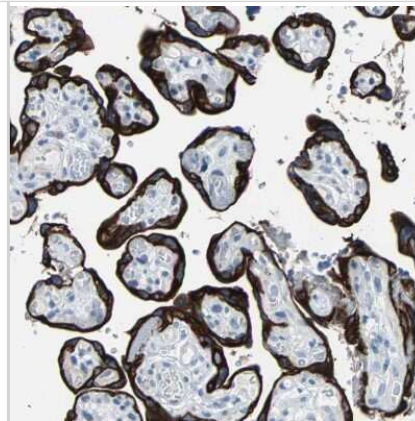
Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody [NBP1-88080] - Staining of human breast shows strong membranous positivity in glandular cells.



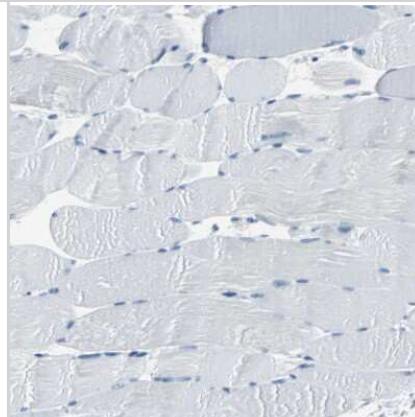
Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody [NBP1-88080] - Staining of human lung shows moderate membranous positivity in pneumocytes.



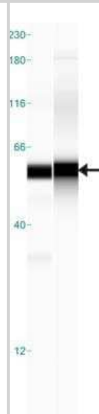
Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody [NBP1-88080] - Staining of human placenta shows strong membranous positivity in trophoblastic cells.



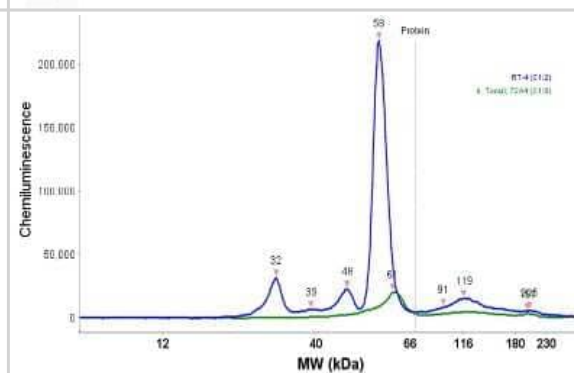
Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody [NBP1-88080] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Simple Western: Cytokeratin 7 Antibody [NBP1-88080] - Simple Western lane view shows a specific band for KRT7 in 0.2 mg/ml of Tonsil (left), RT-4 (right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: Cytokeratin 7 Antibody [NBP1-88080] - Electropherogram image(s) of corresponding Simple Western lane view. Cytokeratin 7 antibody was used at 1:50 dilution on Tonsil and RT-4 lysate(s).



Publications

Baier FA, SAnchez-Taltavull D, Yarahmadov T et al. Loss of claudin-3 impairs hepatic metabolism, biliary barrier function and cell proliferation in the murine liver Cellular and molecular gastroenterology and hepatology 2021-04-15 [PMID: 33866021] (WB, IF/IHC, Mouse)

Quach C, Song Y, Guo H, et al. A truncating mutation in the autophagy gene UVRAG drives inflammation and tumorigenesis in mice Nat Commun 2019-12-12 [PMID: 31831743] (WB, Mouse)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-88080

NBP1-88080PEP	Cytokeratin 7 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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