

Product Datasheet

Cytokeratin 8 Antibody - BSA Free NBP2-16094

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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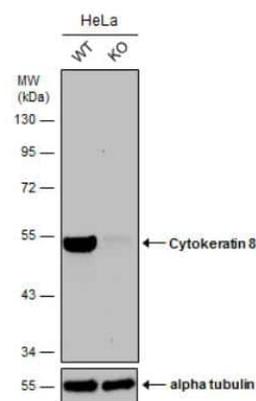
NBP2-16094

Cytokeratin 8 Antibody - BSA Free

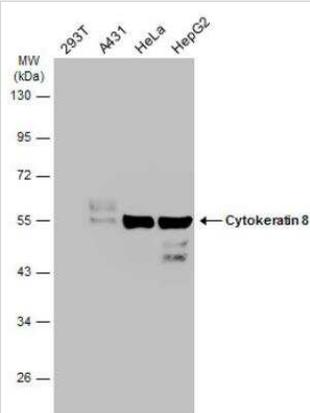
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	54 kDa
Product Description	
Host	Rabbit
Gene ID	3856
Gene Symbol	KRT8
Species	Human, Mouse, Zebrafish
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (87%), Porcine (83%), Bovine (84%), Canine (89%).
Marker	Epithelial Cell Marker
Immunogen	Recombinant protein encompassing a sequence within the center region of human Cytokeratin 8. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry Whole-Mount, Knockout Validated
Recommended Dilutions	Western Blot 1:5000-1:20000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry Whole-Mount Assay dependent, Knockout Validated

Images

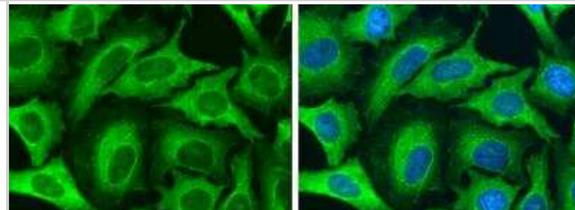
Western Blot: Cytokeratin 8 Antibody [NBP2-16094] - Wild-type (WT) and Cytokeratin 8 knockout (KO) HeLa cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Cytokeratin 8 antibody. HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



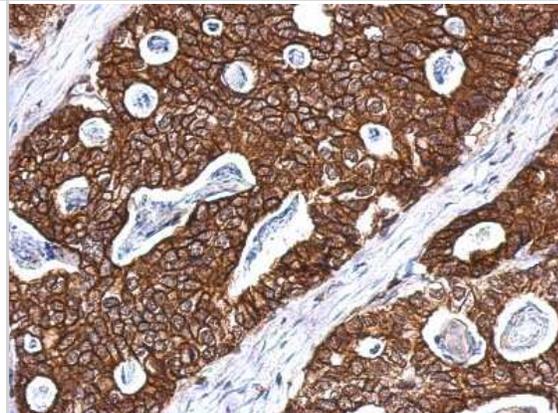
Western Blot: Cytokeratin 8 Antibody [NBP2-16094] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Cytokeratin 8 antibody diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



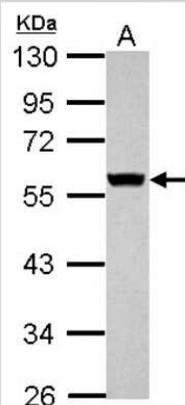
Immunocytochemistry/Immunofluorescence: Cytokeratin 8 Antibody [NBP2-16094] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Cytokeratin 8 stained by Cytokeratin 8 antibody diluted at 1:500. Blue: Hoechst 33342 staining.



Immunohistochemistry-Paraffin: Cytokeratin 8 Antibody [NBP2-16094] - Gastric ca, using Cytokeratin 8 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



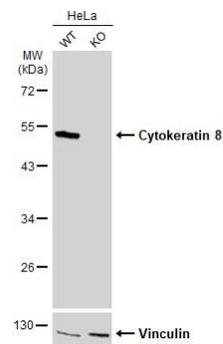
Western Blot: Cytokeratin 8 Antibody [NBP2-16094] - Sample (30 ug of whole cell lysate) A: JC 10% SDS PAGE gel, diluted at 1:10000.



Immunohistochemistry: Cytokeratin 8 Antibody [NBP2-16094] - Cytokeratin 8 antibody detects Cytokeratin 8 protein on whole mount zebrafish by immunohistochemical analysis. Sample: Paraformaldehyde-fixed 2 days-post-fertilization zebrafish embryo. Green: Cytokeratin 8 stained by Cytokeratin 8 antibody (NBP2-16094) diluted at 1:100.



Western Blot: Cytokeratin 8 Antibody [NBP2-16094] - Wild-type (WT) and Cytokeratin 8 knockout (KO) HeLa cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Cytokeratin 8 antibody diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Manish B, Bharathiraja S, Andrew M et al. The NOTCH3 Downstream Target HEYL Is Required for Efficient Human Airway Basal Cell Differentiation. *Cells*. 2021-11-18 [PMID: 34831437]

Zhao Q, Zhang L, Hai B et al. Transient Activation of the Hedgehog-Gli Pathway Rescues Radiotherapy-Induced Dry Mouth via Recovering Salivary Gland Resident Macrophages *Cancer Research* 2020-12-15 [PMID: 32998998] (Immunocytochemistry/ Immunofluorescence)

Luo Rongcan, Wang Yongqing, Xu Peng et al. Hypoxia-inducible miR-210 contributes to preeclampsia via targeting thrombospondin type I domain containing 7A. *Scientific Reports* 2016-01-01 [PMID: 26796133] (IF/IHC, Human)

Gomi K, Tang Y, Arbelaez V et al. Endothelial Cell Mediated Promotion of Ciliated Cell Differentiation of Human Airway Basal Cells via Insulin and Insulin-Like Growth Factor 1 Receptor Mediated Signaling. *Stem Cell Rev.* 2017-04-01 [PMID: 28050756] (ICC/IF, Human)

Wu H, Wang H, Liu M et al. MiR-195 participates in the placental disorder of preeclampsia via targeting activin receptor type-2B in trophoblastic cells. *J. Hypertens.* 2016-07-01 [PMID: 27176145] (IHC-P, Human)



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 NBP2-16094

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23166	Recombinant Human Cytokeratin 8 His Protein

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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