

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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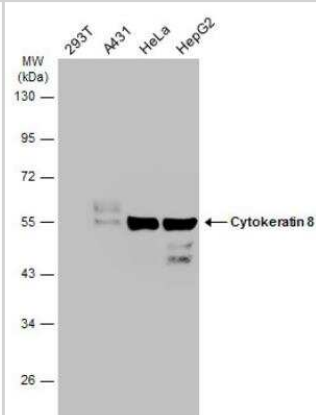


NBP2-16094**Cytokeratin 8 Antibody - BSA Free**

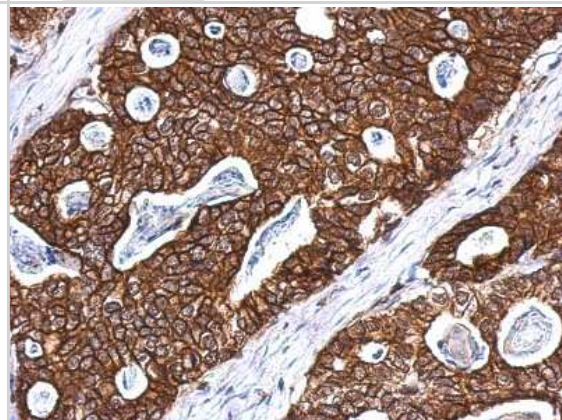
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	54 kDa
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Cytokeratin 8 Antibody - BSA Free (NBP2-16094) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Cytokeratin 8 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, 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

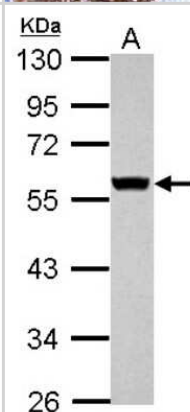
Western Blot: Cytokeratin 8 Antibody [NBP2-16094] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Cytokeratin 8 antibody diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



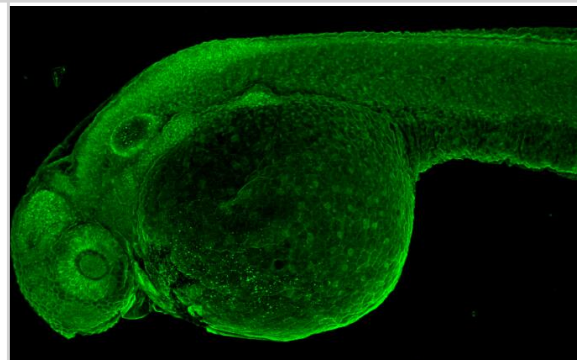
Immunohistochemistry-Paraffin: Cytokeratin 8 Antibody [NBP2-16094] - Gastric ca, using Cytokeratin 8 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



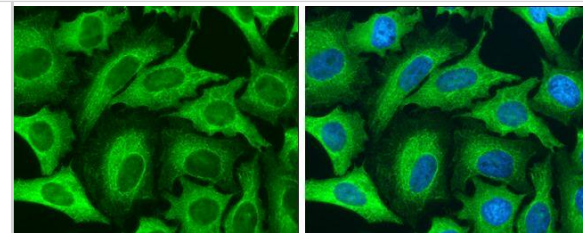
Western Blot: Cytokeratin 8 Antibody [NBP2-16094] - Sample (30 ug of whole cell lysate) A: JC 10% SDS PAGE gel, diluted at 1:10000.



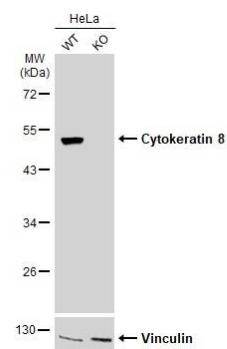
Immunohistochemistry: Cytokeratin 8 Antibody [NBP2-16094] - Cytokeratin 8 antibody detects Cytokeratin 8 protein on whole mount zebrafish by immunohistochemical analysis. Sample: Paraformaldehyde-fixed 2 days-post-fertilization zebrafish embryo. Green: Cytokeratin 8 stained by Cytokeratin 8 antibody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



Cytokeratin 8 antibody detects Cytokeratin 8 protein at cytoskeleton by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Cytokeratin 8 stained by Cytokeratin 8 antibody (NBP2-16094) diluted at 1:500. Blue: Hoechst 33342 staining.



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 (NBP2-16094) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

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] (Immunohistochemistry, Human)

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] (Immunohistochemistry, Human)

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)



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Products Related to NBP2-16094

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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