

Product Datasheet

Cytokeratin 71 Antibody - BSA Free NBP2-17040

Unit Size: 0.1 ml

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

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NBP2-17040

Cytokeratin 71 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	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Target Molecular Weight	57 kDa

Product Description

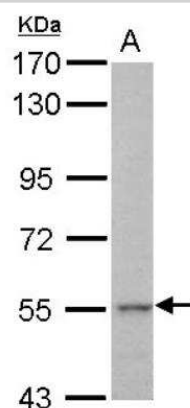
Description	Novus Biologicals Rabbit Cytokeratin 71 Antibody - BSA Free (NBP2-17040) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Cytokeratin 71 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	112802
Gene Symbol	KRT71
Species	Human, Mouse, Sheep
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 25705371).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Cytokeratin 71. The exact sequence is proprietary.

Product Application Details

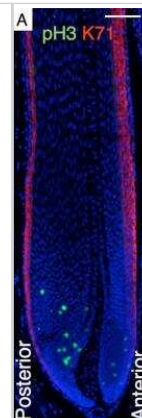
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

Western Blot: Cytokeratin 71 Antibody [NBP2-17040] - Cytokeratin 71 Sample (30 ug of whole cell lysate) A: HepG2 7. 5% SDS PAGE gel, diluted at 1:5000.



Immunocytochemistry/Immunofluorescence: Cytokeratin 71 Antibody [NBP2-17040] - Densities of proliferating and apoptotic cells in a spine follicle. Longitudinal sections of a 28-day-old *Acomys*. pH3 (green), K71 (red), and Hoechst (blue) immunostaining. Image collected and cropped by CiteAb from the following publication (evodevojournal.biomedcentral.com/articles/10.1186/2041-9139-5-33), licensed under a CC-BY license.



Immunohistochemistry-Paraffin: Cytokeratin 71 Antibody [NBP2-17040] - Colon carcinoma. KRT71 antibody [N3C3] dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.

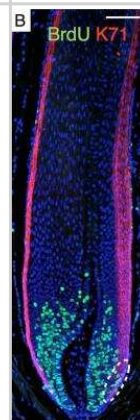


Immunocytochemistry/Immunofluorescence: Cytokeratin 71 Antibody [NBP2-17040] - Observed and simulated cell proliferation and cell death along a spine follicle. Transverse sections (28-day-old *Acomys*) are taken along the spine long axis, from the basis of the follicle (rows A-C), to the DP-medulla transition (rows D-E), to the collapse of the keratinized medulla (rows F-G). H&E, Hematoxylin and Eosin staining.

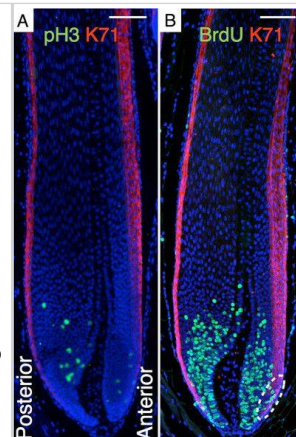
Immunostaining: Kpan, Pan-Keratin (red); Lmn, Laminin (green); BrdU, 5-bromo-2'-deoxyuridine (green); K71, keratin 71 (red); pH3, phospho-Histone H3 (green); TUNEL (red), Hoechst (blue). Arrows: IRS, DP: dermal papilla, Mx: matrix, C: cortex, M: medulla. Simulated transverse sections (Sim) are snapshots of the Supplementary Movie 2 showing time evolution of a simulated follicle. Scale bars: 50 μ m. Image collected and cropped by CiteAb from the following publication (evodevojournal.biomedcentral.com/articles/10.1186/2041-9139-5-33), licensed under a CC-BY license.



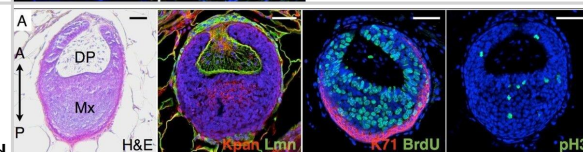
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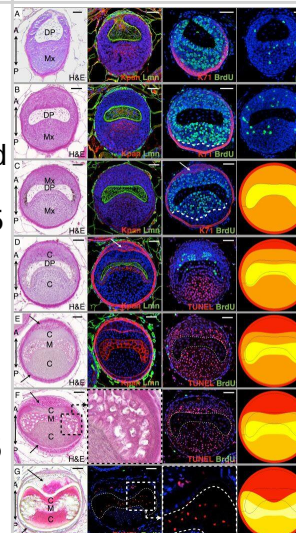
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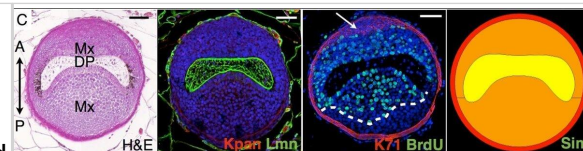
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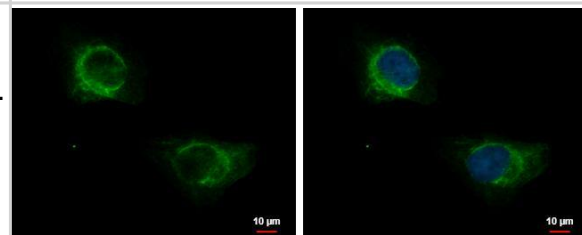
KRT71 antibody [N3C3] detects KRT71 protein at cytoplasm by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: KRT71 protein stained by KRT71 antibody [N3C3] (NBP2-17040) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 μ m.



Publications

Montandon Sophie A, Tzika Athanasia C, Martins Antonio F, et al. Two waves of anisotropic growth generate enlarged follicles in the spiny mouse. *Evodevo*. 2014-09-25 [PMID: 25705371] (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 NBP2-17040

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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