

Product Datasheet

Cytokeratin 20 Antibody - BSA Free NBP1-85599

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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NBP1-85599

Cytokeratin 20 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
Target Molecular Weight	48 kDa

Product Description

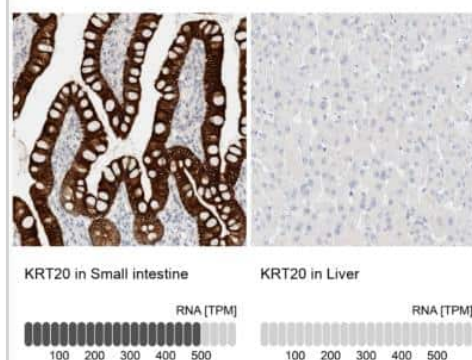
Host	Rabbit
Gene ID	54474
Gene Symbol	KRT20
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30522949).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MDFSRRSFHRSLSSSLQAPVVSTVGMQRLGTTSPSVYGGAGGRGIRISNSRHTV NYGSDLTGGGDLFVGNEKMAMQNLND

Product Application Details

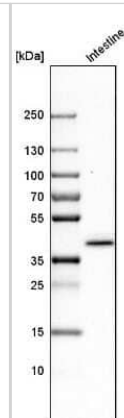
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 -1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

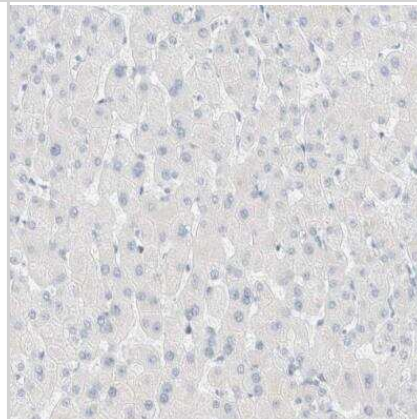
Immunohistochemistry-Paraffin: Cytokeratin 20 Antibody [NBP1-85599] - Analysis in human small intestine and liver tissues. Corresponding KRT20 RNA-seq data are presented for the same tissues.



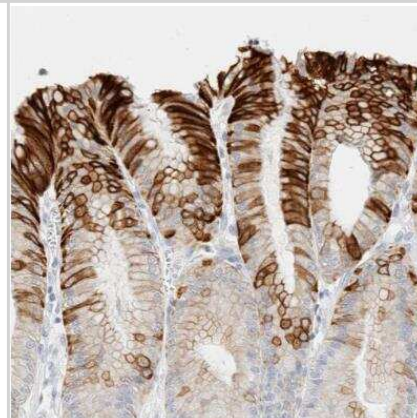
Western Blot: Cytokeratin 20 Antibody [NBP1-85599] - Analysis in human small intestine tissue.



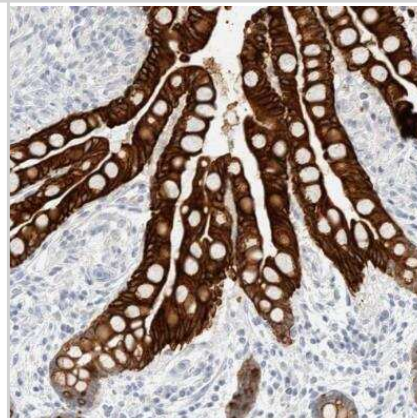
Immunohistochemistry-Paraffin: Cytokeratin 20 Antibody [NBP1-85599] - Staining of human liver shows no positivity in hepatocytes as expected



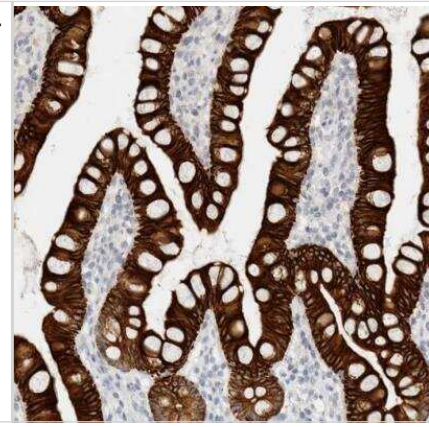
Immunohistochemistry-Paraffin: Cytokeratin 20 Antibody [NBP1-85599] - Staining of human stomach shows moderate to strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Cytokeratin 20 Antibody [NBP1-85599] - Staining of colon shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Cytokeratin 20 Antibody [NBP1-85599] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



Publications

Zhang R, Zhang X, Zhang W et al. Sohlh2 regulates the stemness and differentiation of colon cancer stem cells by downregulating LncRNA-H19 transcription Molecular cancer research : MCR 2022-10-26 [PMID: 36287177] (WB, Human)

Steele N, Chakrabarti J, Wang J et al. An Organoid-Based Preclinical Model of Human Gastric Cancer Cellular and Molecular Gastroenterology and Hepatology 2018-09-02 [PMID: 30522949] (IF/IHC, Mouse)



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Products Related to NBP1-85599

NBP1-85599PEP	Cytokeratin 20 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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