

Product Datasheet

Cytokeratin 14 Antibody - BSA Free NBP1-84917

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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NBP1-84917**Cytokeratin 14 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

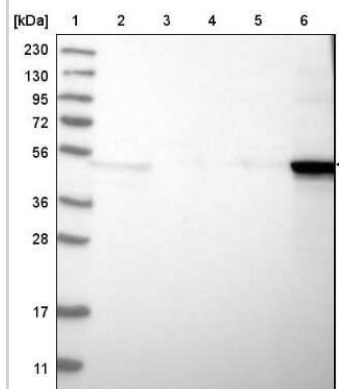
Product Description	
Host	Rabbit
Gene ID	3861
Gene Symbol	KRT14
Species	Human
Reactivity Notes	Mouse (88%), Rat (88%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TYRRLEGEDAHLSSSQFSSGSQSSRDVTSSSRQIRTKVMDVHDGKVVSTHE QVLRTKN

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

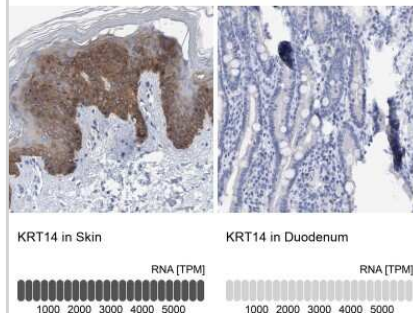


Images

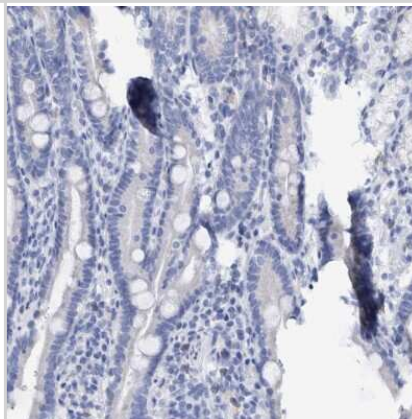
Western Blot: Cytokeratin 14 Antibody [NBP1-84917] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



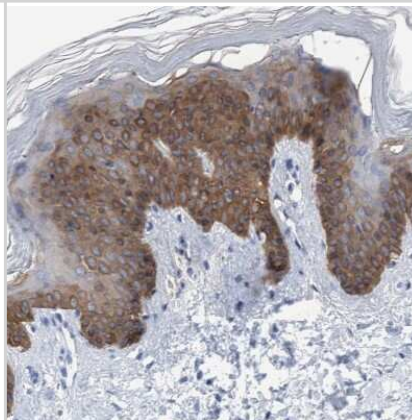
Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody [NBP1-84917] - Staining in human skin and duodenum tissues using anti-KRT14 antibody. Corresponding KRT14 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody [NBP1-84917] - Staining of human duodenum shows low expression as expected.



Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody [NBP1-84917] - Staining of human skin shows high expression.



Publications

Xiao-Yan Ming, Li Fu, Li-Yi Zhang, Yan-Ru Qin, Ting-Ting Cao, Kwok Wah Chan, Stephanie Ma, Dan Xie, Xin-Yuan Guan Integrin $\alpha 7$ is a functional cancer stem cell surface marker in oesophageal squamous cell carcinoma Nature Communications 2016-12-07 [PMID: 27924820]



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Products Related to NBP1-84917

NBP1-84917PEP	Cytokeratin 14 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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