

Product Datasheet

B4GALT7 Antibody - BSA Free NBP1-88652

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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NBP1-88652

B4GALT7 Antibody - BSA Free

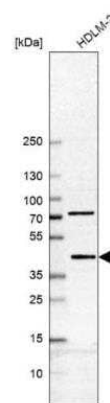
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	11285
Gene Symbol	B4GALT7
Species	Human, Chinese Hamster
Reactivity Notes	Chinese Hamster reactivity reported in scientific literature (PMID: 31278392).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PEHWEEEDASWGPHRLAVLVVFRERFEELLVFVPHMRRFLSRKKIRHHIYVLNQ VDHFRFNRAALINVGFLSSNSTDYIAMHDVDLLPLNEELDYGFPEAGPFHVAS PELHPLYHYKTYVG

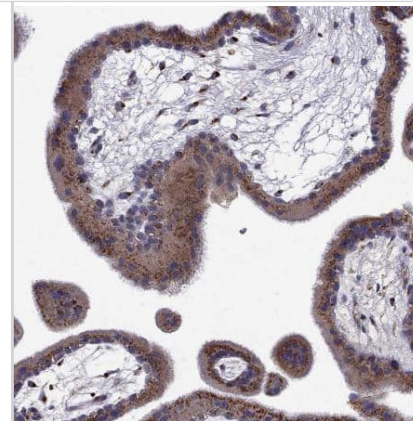
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 -1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

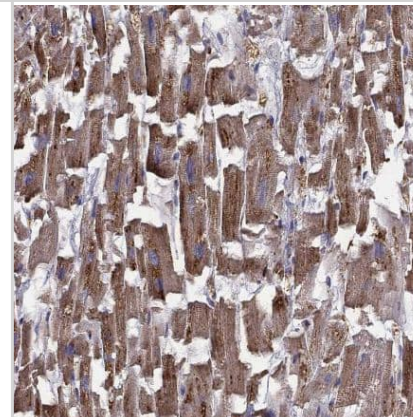
Western Blot: B4GALT7 Antibody [NBP1-88652] - Analysis in human cell line HDLM-2.



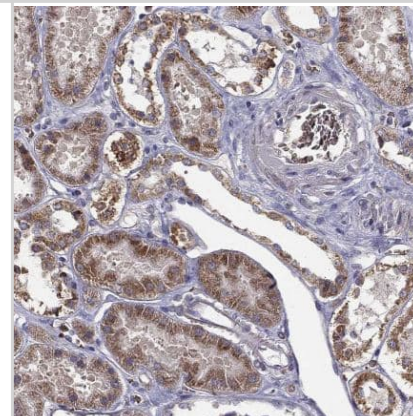
Immunohistochemistry-Paraffin: B4GALT7 Antibody [NBP1-88652] - Staining of human placenta shows moderate granular cytoplasmic positivity in trophoblastic cells.



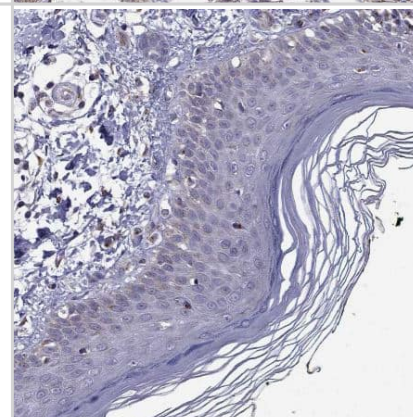
Immunohistochemistry-Paraffin: B4GALT7 Antibody [NBP1-88652] - Staining of human heart muscle shows moderate granular cytoplasmic positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: B4GALT7 Antibody [NBP1-88652] - Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: B4GALT7 Antibody [NBP1-88652] - Staining of human skin shows no positivity in squamous epithelial cells as expected.



Publications

Liu C, Jia Y, Zhao X et al. Targeting B4GALT7 suppresses the proliferation, migration and invasion of hepatocellular carcinoma through the Cdc2/CyclinB1 and miR-338-3p/MMP2 pathway PeerJ 2023-11-21 [PMID: 38025683]

Mihalic Mosher T, Zygmunt DA, Koboldt DC et al. Expansion of B4GALT7 linkeropathy phenotype to include perinatal lethal skeletal dysplasia Eur. J. Hum. Genet. 2019-07-05 [PMID: 31278392] (WB, Chinese Hamster)



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Products Related to NBP1-88652

NBP1-88652PEP	B4GALT7 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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