

Product Datasheet

Defensin alpha 5 Antibody - BSA Free NBP1-84282

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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NBP1-84282

Defensin alpha 5 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

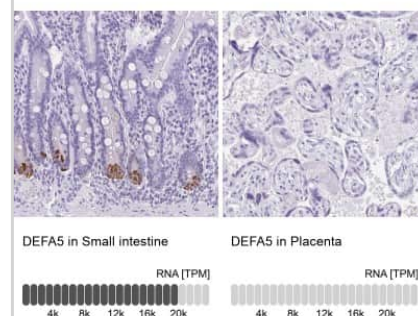
Host	Rabbit
Gene ID	1670
Gene Symbol	DEFA5
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ESLQERADEATTQKQSGEDNQDLAISFAGNGLSALRTSGSQARATCYCRTGR CATRESLSGVCEISGRLYRLCCR

Product Application Details

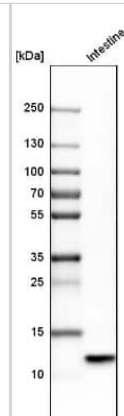
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

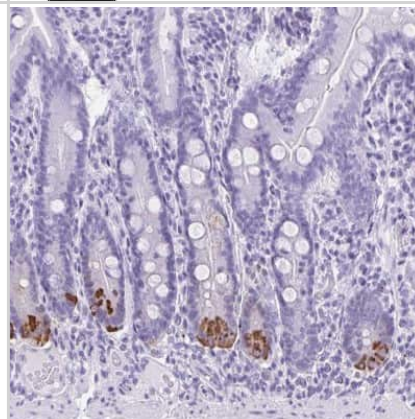
Immunohistochemistry-Paraffin: Defensin alpha 5 Antibody [NBP1-84282] - Staining in human small intestine and placenta tissues using anti-DEFA5 antibody. Corresponding DEFA5 RNA-seq data are presented for the same tissues.



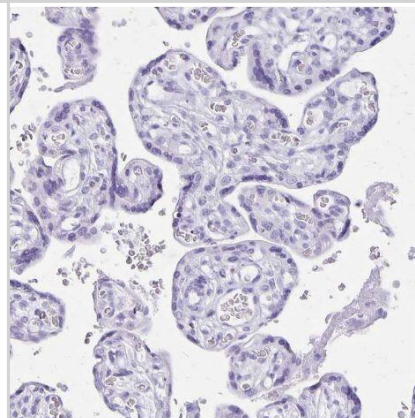
Western Blot: Defensin alpha 5 Antibody [NBP1-84282] - Analysis in human small intestine tissue.



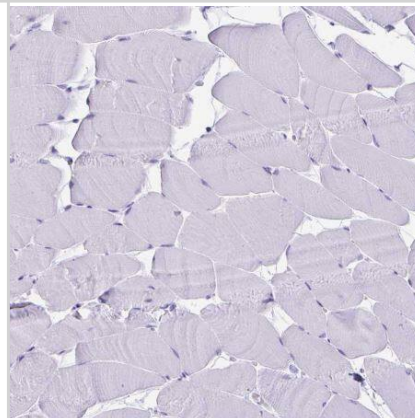
Immunohistochemistry-Paraffin: Defensin alpha 5 Antibody [NBP1-84282] - Staining of human small intestine shows high expression.



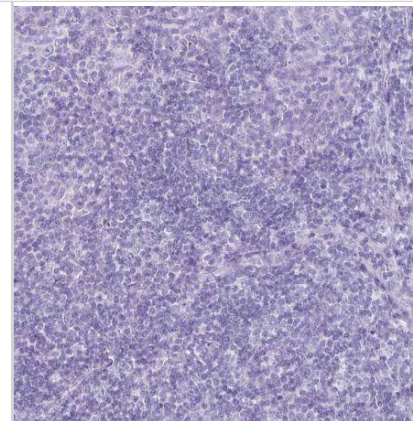
Immunohistochemistry-Paraffin: Defensin alpha 5 Antibody [NBP1-84282] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



Immunohistochemistry-Paraffin: Defensin alpha 5 Antibody [NBP1-84282] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: Defensin alpha 5 Antibody [NBP1-84282] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.



Publications

Balasubramanian I, Bandyopadhyay S, Flores J et al. Infection and inflammation stimulate expansion of a CD74+ Paneth cell subset to regulate disease progression The EMBO journal 2023-09-18 [PMID: 37718683]

Lee HJ, Nam KT, Park HS et al. Gene expression profiling of metaplastic lineages identifies CDH17 as a prognostic marker in early stage gastric cancer. Gastroenterology 2010-07-01 [PMID: 20398667]



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Products Related to NBP1-84282

NBP1-84282PEP	Defensin alpha 5 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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