

Product Datasheet

IFITM1 Antibody - BSA Free

NBP1-89345

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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NBP1-89345

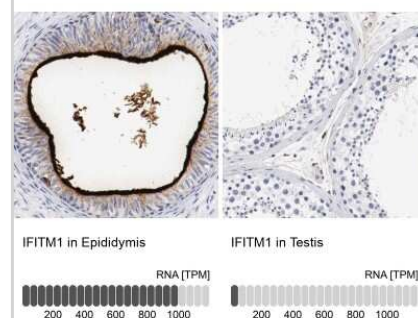
IFITM1 Antibody - BSA Free

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	8519
Gene Symbol	IFITM1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24072182)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MHKEEHEVAVLGAPPSTILPRSTVINIHSETSVDPH
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	<p>For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point.</p> <p>See Simple Western Antibody Database for Simple Western validation: Tested in h. Tonsil, separated by Size, antibody dilution of 1:20, apparent MW was 20 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.</p>

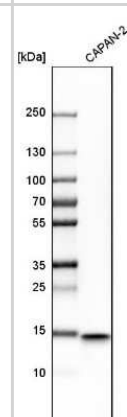


Images

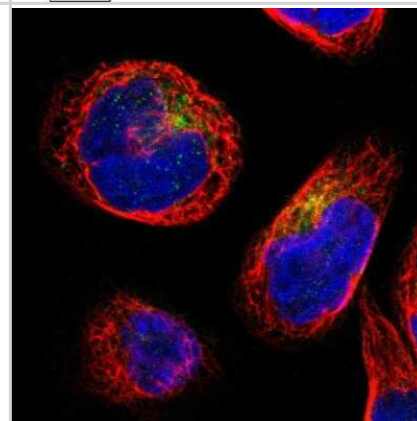
Immunohistochemistry-Paraffin: IFITM1 Antibody [NBP1-89345] - Staining in human epididymis and testis tissues using anti-IFITM1 antibody. Corresponding IFITM1 RNA-seq data are presented for the same tissues.



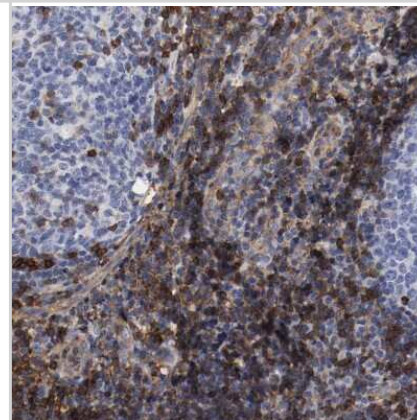
Western Blot: IFITM1 Antibody [NBP1-89345] - Analysis in human cell line CAPAN-2.



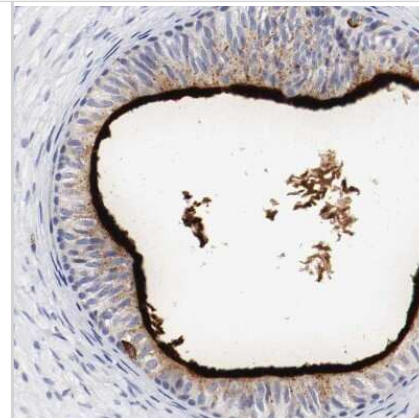
Immunocytochemistry/Immunofluorescence: IFITM1 Antibody [NBP1-89345] - Staining of human cell line A-431 shows localization to cytosol. Antibody staining is shown in green.



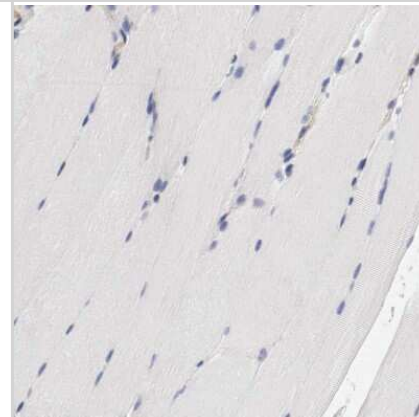
Immunohistochemistry-Paraffin: IFITM1 Antibody [NBP1-89345] - Staining of human tonsil shows strong membranous positivity in non-germinal center cells.



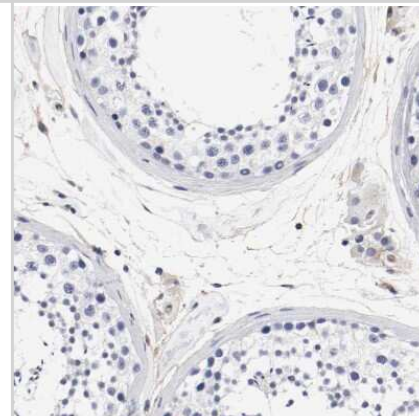
Immunohistochemistry-Paraffin: IFITM1 Antibody [NBP1-89345] - Staining of human epididymis shows strong membranous positivity in ependymal cells.



Immunohistochemistry-Paraffin: IFITM1 Antibody [NBP1-89345] - Staining of human skeletal muscle shows no membranous positivity in myocytes as expected.



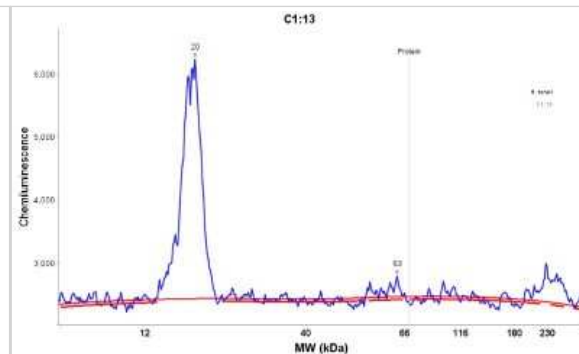
Immunohistochemistry-Paraffin: IFITM1 Antibody [NBP1-89345] - Staining of human testis shows no membranous positivity in cells in seminiferous ducts as expected.



Simple Western: IFITM1 Antibody [NBP1-89345] - Simple Western lane view shows a specific band for IFITM1 in 0.2 mg/ml of h. Tonsil lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: IFITM1 Antibody [NBP1-89345] - Electropherogram image(s) of corresponding Simple Western lane view. IFITM1 antibody was used at 1:20 dilution on h. Tonsil lysate(s).



Publications

Luo HL, Lee YC, Chang YL et al. MicroRNA-145-5p suppresses cell proliferation, migration, and invasion in upper tract urothelial carcinoma by targeting 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase *Journal of cellular biochemistry* 2023-07-20 [PMID: 37475541]

Parra-Herran CE, Yuan L, Nucci MR, Quade BJ. Targeted development of specific biomarkers of endometrial stromal cell differentiation using bioinformatics: the IFITM1 model. *Mod Pathol* 2014-04-01 [PMID: 24072182]

Klymiuk I, Kenner L, Adler T et al. In vivo functional requirement of the mouse *Ifitm1* gene for germ cell development, interferon mediated immune response and somitogenesis. *PLoS One* 2012-01-01 [PMID: 23115618]



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Products Related to NBP1-89345

NBP1-89345PEP	IFITM1 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

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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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