

Product Datasheet

Trim22 Antibody - BSA Free

NBP1-81795

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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NBP1-81795

Trim22 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

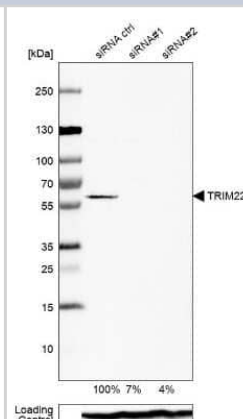
Host	Rabbit
Gene ID	10346
Gene Symbol	TRIM22
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23448979)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NEVVKECQEKLQVALQRLIKEDQAEKLEDDIRQERTAWKNYIQIERQKILKGF NEMRVILDNEEQRELQKLEEGEVNVLNLAATDQLVQQRQDASTLISDLQRR LRGSSVEMLQDVIDVMKRSESWTLKKPKSVSKKLKSVFRV

Product Application Details

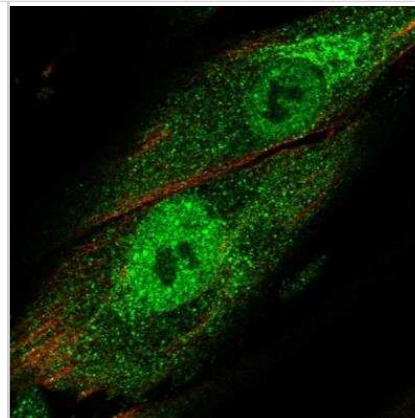
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500-1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

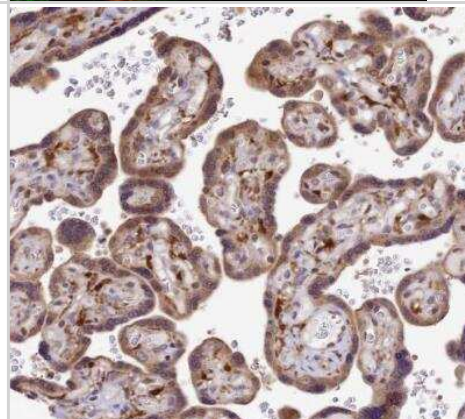
Western Blot: Trim22 Antibody [NBP1-81795] - Analysis in U-87MG ATCC cells transfected with control siRNA, target specific siRNA probe #1 and #2, using anti-TRIM22 antibody. Remaining relative intensity is presented. Loading control: anti-PPIB.



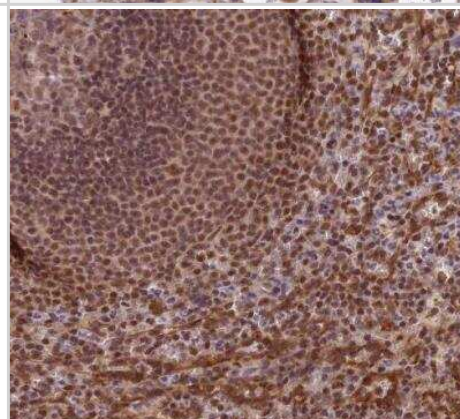
Immunocytochemistry/Immunofluorescence: Trim22 Antibody [NBP1-81795] - Staining of human cell line ASC TERT1 shows localization to nucleoplasm, nuclear bodies & the Golgi apparatus. Antibody staining is shown in green.



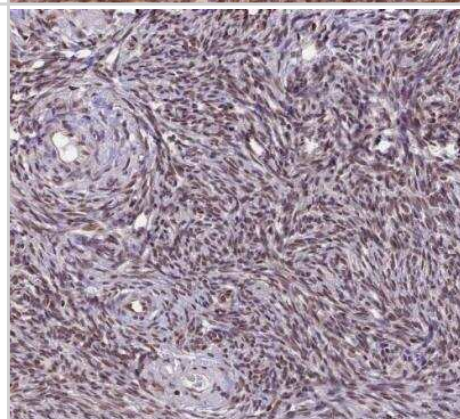
Immunohistochemistry-Paraffin: Trim22 Antibody [NBP1-81795] - Staining of human placenta shows moderate cytoplasmic positivity in trophoblastic cells.



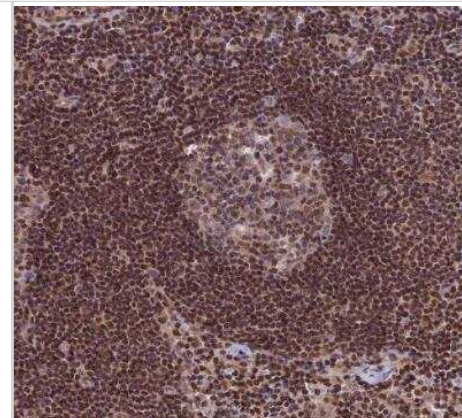
Immunohistochemistry-Paraffin: Trim22 Antibody [NBP1-81795] - Staining of human spleen shows strong nuclear and cytoplasmic positivity in cells in white and red pulp.



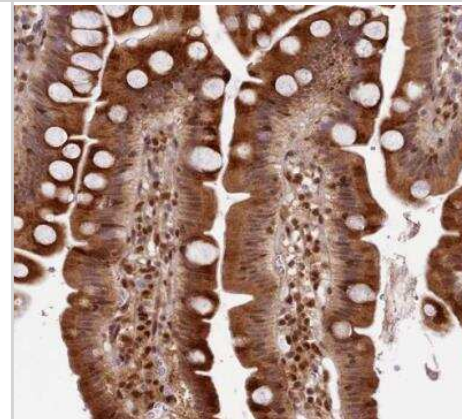
Immunohistochemistry-Paraffin: Trim22 Antibody [NBP1-81795] - Staining of human ovary shows strong nuclear positivity in ovarian stromal cells.



Immunohistochemistry-Paraffin: Trim22 Antibody [NBP1-81795] - Staining of human lymph node shows strong nuclear and cytoplasmic positivity in germinal center and non-germinal center cells.



Immunohistochemistry-Paraffin: Trim22 Antibody [NBP1-81795] - Staining of human small intestine shows strong nuclear and cytoplasmic positivity in glandular cells.



Publications

Zhang L, Zhang B, Wei M et al. TRIM22 inhibits endometrial cancer progression through the NOD2/NF kappa B signaling pathway and confers a favorable prognosis Int J Oncol 2020-03-04 [PMID: 32319602] (WB, IF/IHC, ICC/IF, IHC-P, Human)

Singh R, Patel V, Mureithi MW et al. TRIM5alpha and TRIM22 Are Differentially Regulated According to HIV-1 Infection Phase and Compartment. J Virol 2014-04-01 [PMID: 24478420] (WB, Human)

Carotenuto M, Pedone E, Diana D et al. Neuroblastoma tumorigenesis is regulated through the Nm23-H1/h-Prune C-terminal interaction. Sci Rep 2013-01-01 [PMID: 23448979]

Singh R, Gaiha G, Werner L et al. Association of TRIM22 with the type 1 interferon response and viral control during primary HIV-1 infection. J Virol 2011-01-01 [PMID: 20980524]

Petersson J, Lonnbro P, Herr AM et al. The human IFN-inducible p53 target gene TRIM22 colocalizes with the centrosome independently of cell cycle phase. Exp Cell Res 2010-02-01 [PMID: 20006605]



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Products Related to NBP1-81795

NBP1-81795PEP	Trim22 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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