

Product Datasheet

Matrin 3 Antibody - BSA Free

NBP1-87859

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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NBP1-87859

Matrin 3 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

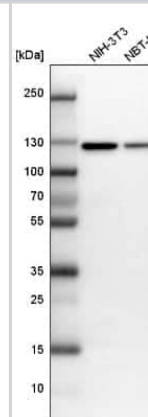
Host	Rabbit
Gene ID	9782
Gene Symbol	MATR3
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24686783)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LKRRRTEEGPTLSYGRDGRSATREPPYRVPRDDWEEKRHFRRDSFDDRGPSL NPVLDYDHGSRSEQSGYYDRMDYEDDRLRDGERCRDD

Product Application Details

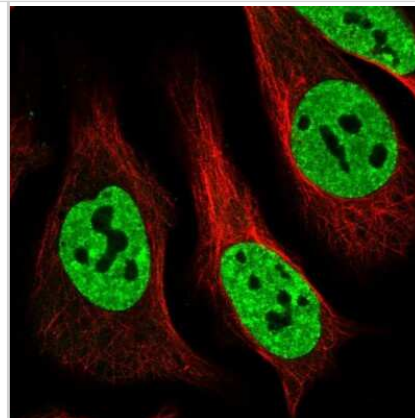
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

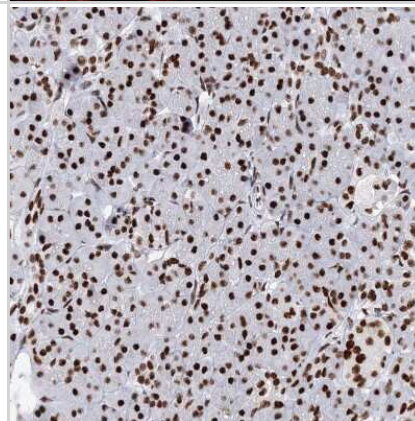
Western Blot: Matrin 3 Antibody [NBP1-87859] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



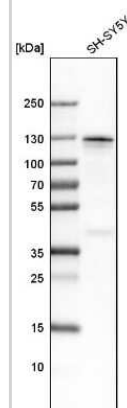
Immunocytochemistry/Immunofluorescence: Matrin 3 Antibody [NBP1-87859] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



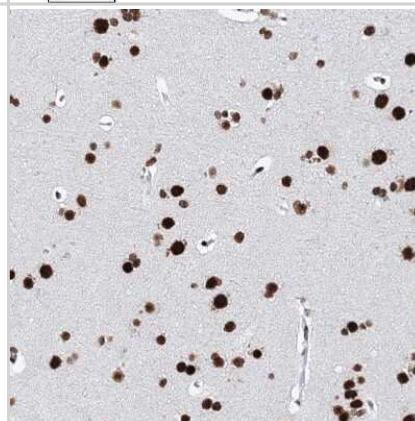
Immunohistochemistry-Paraffin: Matrin 3 Antibody [NBP1-87859] - Staining of human pancreas shows moderate nuclear positivity in exocrine glandular cells.



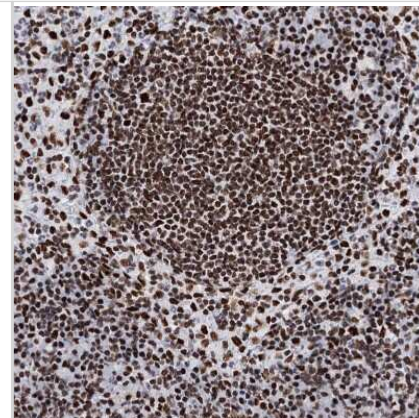
Western Blot: Matrin 3 Antibody [NBP1-87859] - Analysis in human cell line SH-SY5Y.



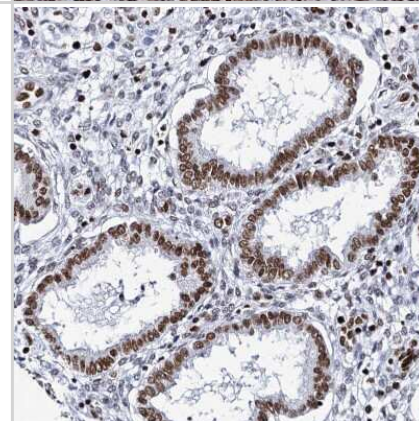
Immunohistochemistry-Paraffin: Matrin 3 Antibody [NBP1-87859] - Staining of human cerebral cortex shows strong nuclear positivity in neurons.



Immunohistochemistry-Paraffin: Matrin 3 Antibody [NBP1-87859] - Staining of human lymph node shows moderate to strong nuclear positivity in lymphoid cells.



Immunohistochemistry-Paraffin: Matrin 3 Antibody [NBP1-87859] - Staining of human endometrium shows moderate nuclear positivity in glandular cells.



Publications

Johnson JO, Pioro EP, Boehringer A et al. Mutations in the Matrin 3 gene cause familial amyotrophic lateral sclerosis. Nat Neurosci 2014-05-01 [PMID: 24686783]



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Products Related to NBP1-87859

NBP1-87859PEP	Matrin 3 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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