

Product Datasheet

DDX3 Antibody - BSA Free NBP1-85291

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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NBP1-85291

DDX3 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

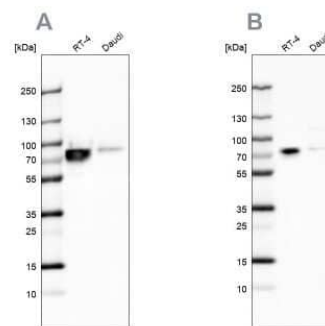
Host	Rabbit
Gene ID	1654
Gene Symbol	DDX3X
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LNSSDNQSGGSTASKGRYIPPHLRNREATKGFYDKDSSGWSSSKDKDAYSSF GSRSDSRGKSSFFSDRGSGSRGRFDDRGRSDYDGIGSRGDRSGFGKFERGG NSRWCDKSEDDWSKPLPPSERLEQELFSGGNTGINFEKYDDIPV

Product Application Details

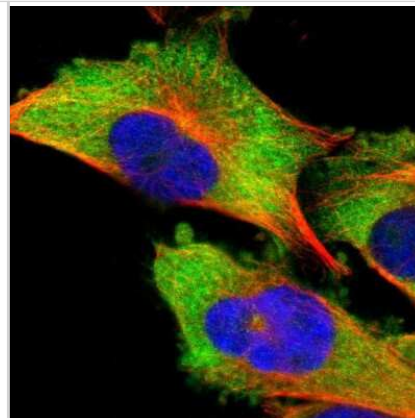
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000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

Images

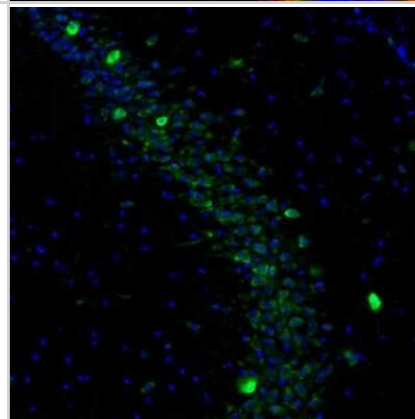
Western Blot: DDX3 Antibody [NBP1-85291] - Analysis: NBP1-85291 (A) shows similar pattern to independent antibody NBP1-85290 (B)



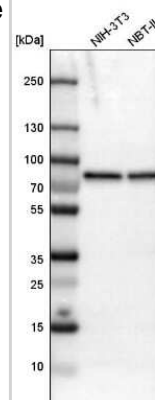
Immunocytochemistry/Immunofluorescence: DDX3 Antibody [NBP1-85291] - Staining of human cell line U-251 MG shows localization to cytosol. Antibody staining is shown in green.



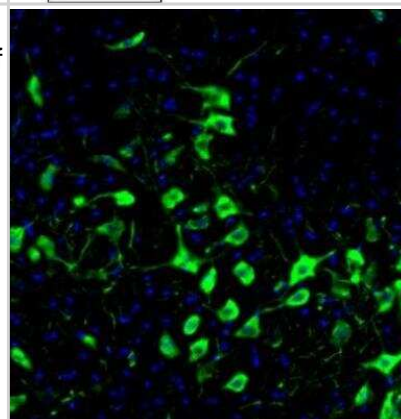
Immunohistochemistry: DDX3 Antibody [NBP1-85291] - Staining of mouse hippocampus shows moderate positivity in a subset of neurons in the brain.



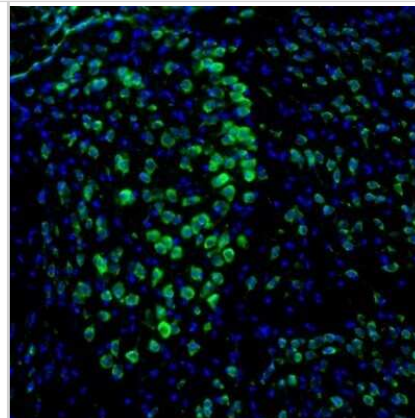
Western Blot: DDX3 Antibody [NBP1-85291] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



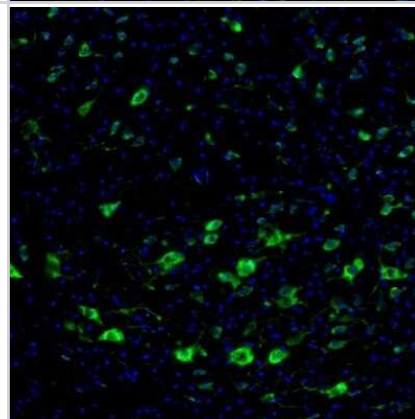
Immunohistochemistry: DDX3 Antibody [NBP1-85291] - Staining of mouse medulla shows strong cytoplasmic immunoreactivity in neurons of the facial nucleus.



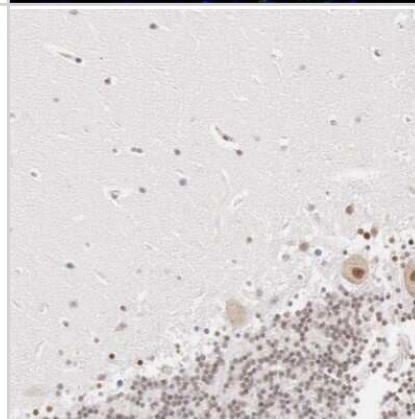
Immunohistochemistry: DDX3 Antibody [NBP1-85291] - Staining of mouse thalamus shows positivity in neurons of the anterodorsal thalamic nucleus.



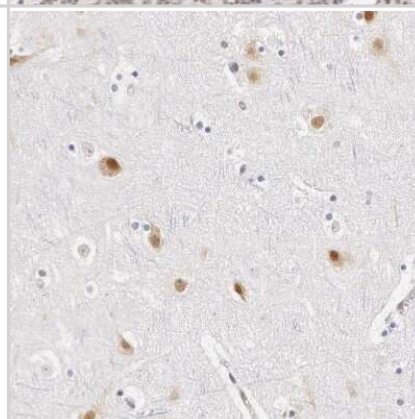
Immunohistochemistry: DDX3 Antibody [NBP1-85291] - Staining of mouse midbrain shows neuronal positivity in the red nucleus.



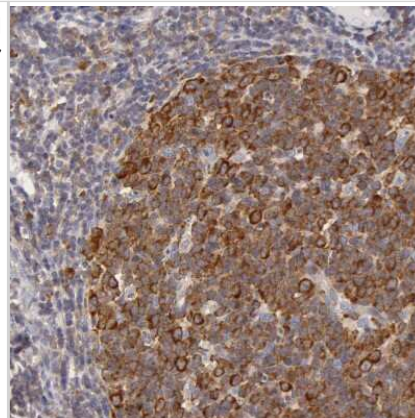
Immunohistochemistry-Paraffin: DDX3 Antibody [NBP1-85291] - Staining of human cerebellum shows moderate nuclear immunoreactivity in neurons.



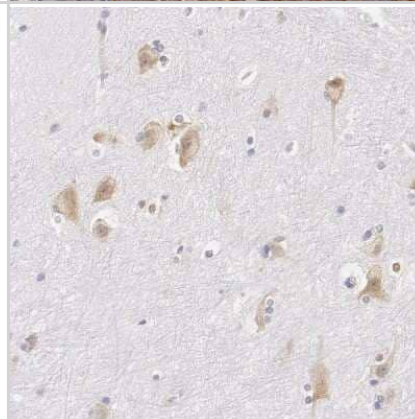
Immunohistochemistry-Paraffin: DDX3 Antibody [NBP1-85291] - Staining of human cerebral cortex shows moderate nuclear positivity in neurons.



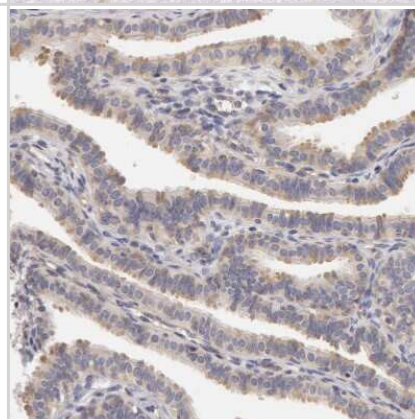
Immunohistochemistry-Paraffin: DDX3 Antibody [NBP1-85291] - Staining of human tonsil shows moderate cytoplasmic positivity in germinal center cells.



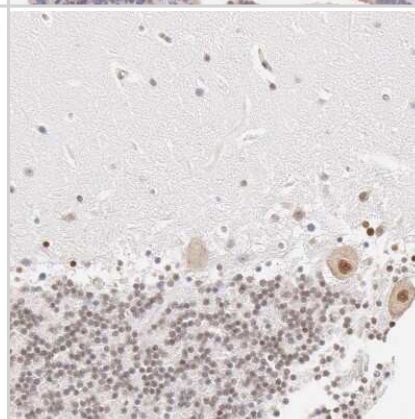
Immunohistochemistry-Paraffin: DDX3 Antibody [NBP1-85291] - Staining of human hippocampus shows moderate positivity in neurons.



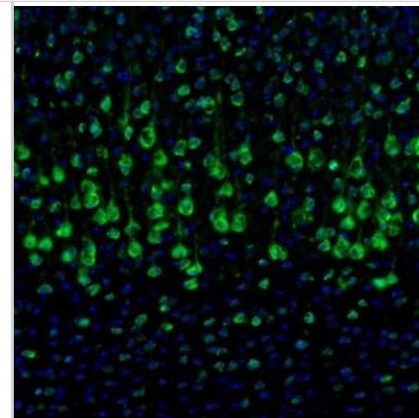
Immunohistochemistry-Paraffin: DDX3 Antibody [NBP1-85291] - Staining of human Fallopian tube shows weak cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: DDX3 Antibody [NBP1-85291] - Staining of human cerebellum shows moderate nuclear positivity in neurons.



Immunohistochemistry: DDX3 Antibody [NBP1-85291] - Staining of mouse cerebral cortex shows strong positivity in neurons in the parietal association cortex.



Publications

Chen W, Pilling D, Gomer RH The mRNA binding protein DDX3 mediates TGF- β 1 upregulation of translation and promotes pulmonary fibrosis JCI insight 2023-02-23 [PMID: 36821384] (IHC-P, WB, Human)

Phung B, Ciesla M, Sanna A et al. The X-Linked DDX3X RNA Helicase Dictates Translation Reprogramming and Metastasis in Melanoma Cell Rep 2019-06-18 [PMID: 31216476]

Hagerstrand D, Tong A, Schumacher SE et al. Systematic interrogation of 3q26 identifies TLOC1 and SKIL as cancer drivers. Cancer Discov 2013-09-01 [PMID: 23764425] (WB)

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. J Proteomics 2012-04-03 [PMID: 22361696]

Mulder J, Bjorling E, Jonasson K et al. Tissue Profiling of the Mammalian Central Nervous System Using Human Antibody-based Proteomics. Mol Cell Proteomics 2009-07-01 [PMID: 19351664]



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Products Related to NBP1-85291

NBP1-85291PEP	DDX3X 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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