

Product Datasheet

DDX5 Antibody (JM52-30) NBP2-67034

Unit Size: 100 μ l

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67034

DDX5 Antibody (JM52-30)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM52-30
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

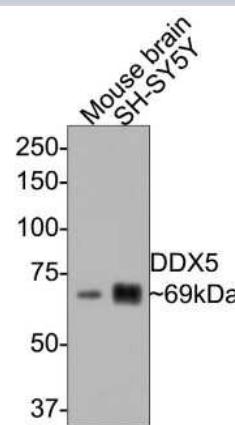
Host	Rabbit
Gene Symbol	DDX5
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human DDX5 aa 1-50 / 614. (SwissProt: P17844 Human; SwissProt: Q61656 Mouse; Entrez Gene: 287765 Rat)

Product Application Details

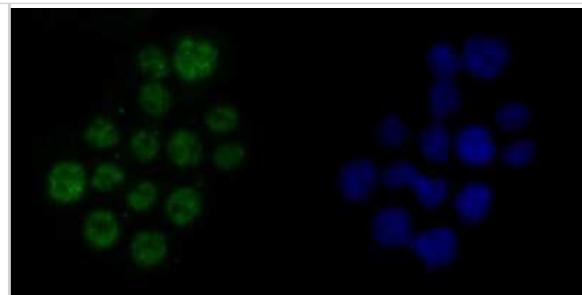
Applications	Western Blot, ELISA, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Dual RNAscope ISH-IHC
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:500, Immunohistochemistry-Frozen, Flow (Cell Surface) 1:100-1:250, Dual RNAscope ISH-IHC

Images

Western Blot: DDX5 Antibody (JM52-30) [NBP2-67034] - Analysis of DDX5 on different lysates with Rabbit anti-DDX5 antibody at 1/1,000 dilution. Lane 1: Mouse brain tissue lysate Lane 2: SH-SY5Y cell lysate (10 ug/Lane) Lysates/proteins at 20 ug/Lane. Predicted band size: 69 kDa Observed band size: 69 kDa Exposure time: 30 seconds; 8% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



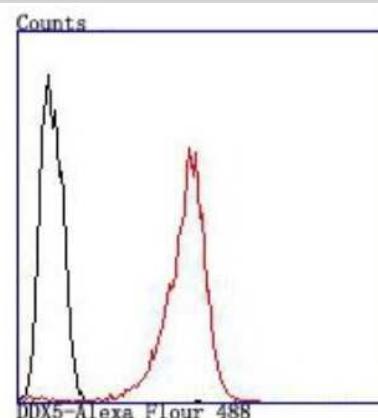
Immunocytochemistry/Immunofluorescence: DDX5 Antibody (JM52-30) [NBP2-67034] - Staining DDX5 in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



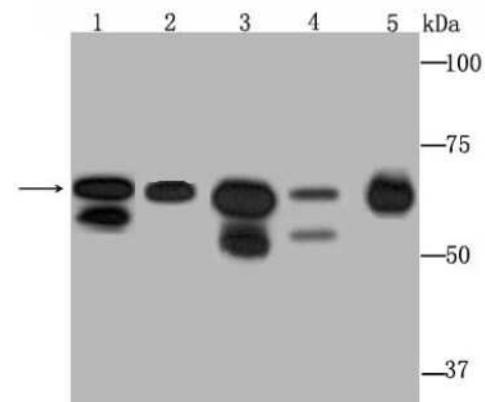
Immunohistochemistry-Paraffin: DDX5 Antibody (JM52-30) [NBP2-67034] - Analysis of paraffin-embedded mouse hippocampus tissue with Rabbit anti-DDX5 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



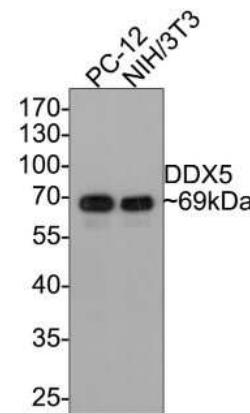
Flow Cytometry: DDX5 Antibody (JM52-30) [NBP2-67034] - Flow cytometric analysis of SH-SY5Y cells with DDX5 antibody at 1/100 dilution (red) compared with an unlabeled control (cells without incubation with primary antibody; black).



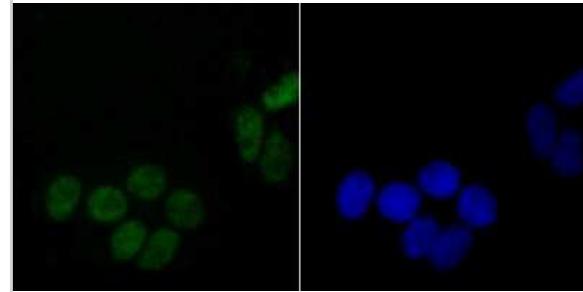
Western Blot: DDX5 Antibody (JM52-30) [NBP2-67034] - Analysis of DDX5 on different cell lysates using anti-DDX5 antibody at 1/1,000 dilution. Positive control: Lane 1: PC-12 Lane 2: MEF Lane 3: SH-SY5Y Lane 4: NIH-3T3 Lane 5: Mouse brain



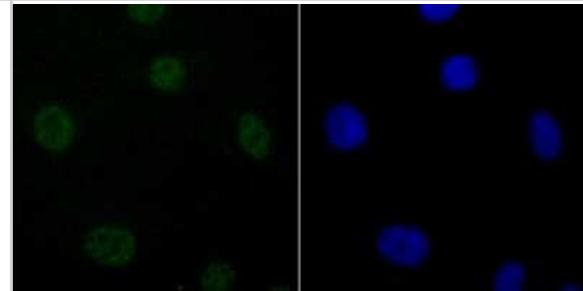
Western Blot: DDX5 Antibody (JM52-30) [NBP2-67034] - Analysis of DDX5 on different lysates with Rabbit anti-DDX5 antibody at 1/500 dilution. Lane 1: PC-12 cell lysate Lane 2: NIH/3T3 cell lysate Lysates/proteins at 10 ug/Lane. Predicted band size: 69 kDa Observed band size: 69 kDa Exposure time: 30 seconds; 10% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



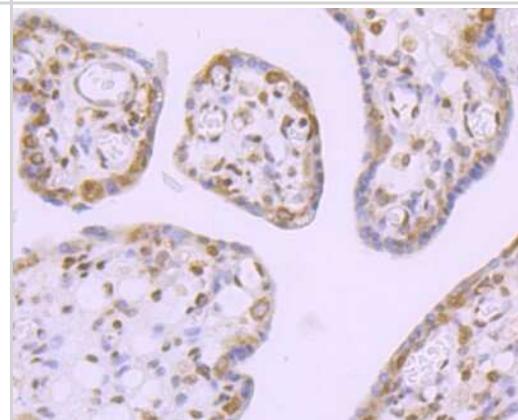
Immunocytochemistry/Immunofluorescence: DDX5 Antibody (JM52-30) [NBP2-67034] - Staining DDX5 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



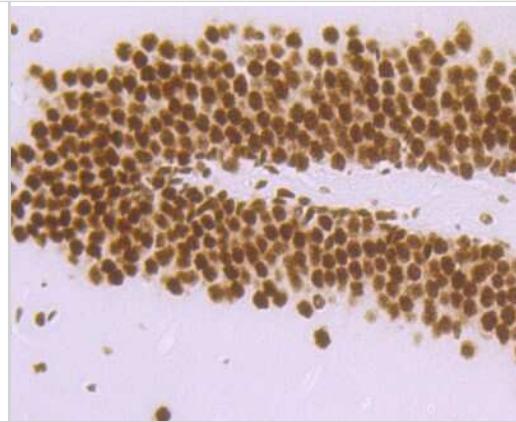
Immunocytochemistry/Immunofluorescence: DDX5 Antibody (JM52-30) [NBP2-67034] - Staining DDX5 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



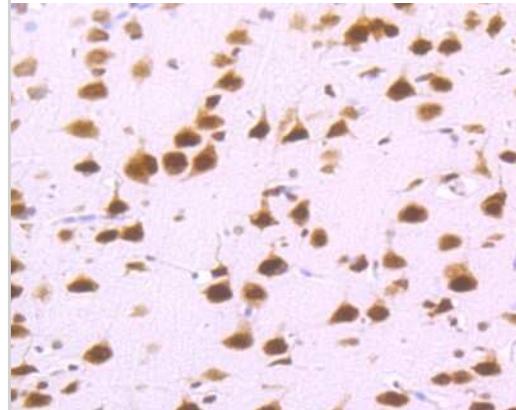
Immunohistochemistry-Paraffin: DDX5 Antibody (JM52-30) [NBP2-67034] - Analysis of paraffin-embedded human placenta tissue using anti-DDX5 antibody. Counter stained with hematoxylin.



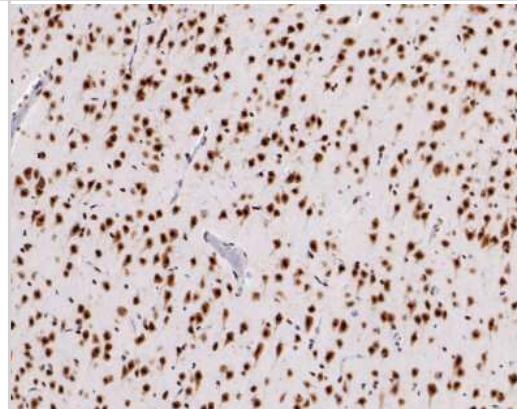
Immunohistochemistry-Paraffin: DDX5 Antibody (JM52-30) [NBP2-67034] - Analysis of paraffin-embedded mouse brain tissue using anti-DDX5 antibody. Counter stained with hematoxylin.



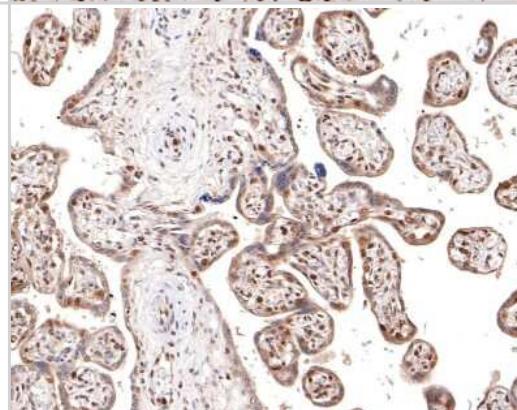
Immunohistochemistry-Paraffin: DDX5 Antibody (JM52-30) [NBP2-67034] - Analysis of paraffin-embedded rat brain tissue using anti-DDX5 antibody. Counter stained with hematoxylin.



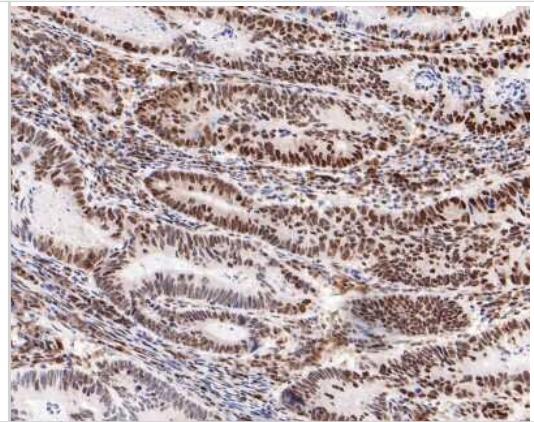
Immunohistochemistry-Paraffin: DDX5 Antibody (JM52-30) [NBP2-67034] - Analysis of paraffin-embedded rat brain tissue with Rabbit anti-DDX5 antibody 1/2,000 dilution. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody 1/2,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: DDX5 Antibody (JM52-30) [NBP2-67034] - Analysis of paraffin-embedded human placenta tissue with Rabbit anti-DDX5 antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/100 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: DDX5 Antibody (JM52-30) [NBP2-67034] - Analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-DDX5 antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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