Product Datasheet

Jumonji/JARID2 Antibody (PSH01-32)
NBP3-32486

Unit Size: 100 ul

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

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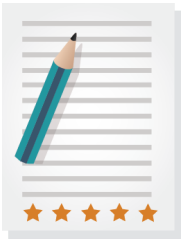


NBP3-32486

Jumonji/JARID2 Antibody (PSH01-32)

Product Information	
Unit Size	100 ul
Concentration	Please see the 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	Monoclonal
Clone	PSH01-32
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	139 kDa

Product Description	
Description	Novus Biologicals Rabbit Jumonji/JARID2 Antibody (PSH01-32) (NBP3-32486) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3720
Gene Symbol	JARID2
Species	Human, Mouse
Immunogen	Recombinant protein within human Jumonji/JARID2 aa 501-1,050 / 1,246. (Uniprot: Q92833)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:200-1:1000

Images

Western Blot: Jumonji/JARID2 Antibody (PSH01-32) [NBP3-32486] - Western blot analysis of Jumonji/JARID2 on different lysates with Rabbit anti-Jumonji/JARID2 antibody (NBP3-32486) at 1/1,000 dilution.

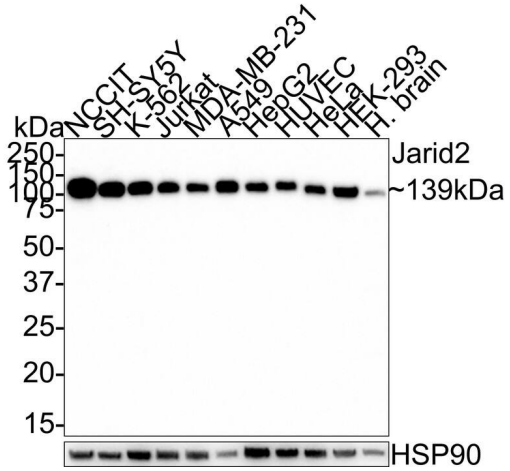
Lane 1: NCCIT cell lysate (20 ug/Lane)
Lane 2: SH-SY5Y cell lysate (20 ug/Lane)
Lane 3: K-562 cell lysate (20 ug/Lane)
Lane 4: Jurkat cell lysate (20 ug/Lane)
Lane 5: MDA-MB-231 cell lysate (20 ug/Lane)
Lane 6: A549 cell lysate (20 ug/Lane)
Lane 7: HepG2 cell lysate (20 ug/Lane)
Lane 8: HUVEC cell lysate (20 ug/Lane)
Lane 9: HeLa cell lysate (20 ug/Lane)
Lane 10: HEK-293 cell lysate (20 ug/Lane)
Lane 11: Human brain tissue lysate (40 ug/Lane)

Predicted band size: 139 kDa
Observed band size: 139 kDa

Exposure time: 3 minutes;

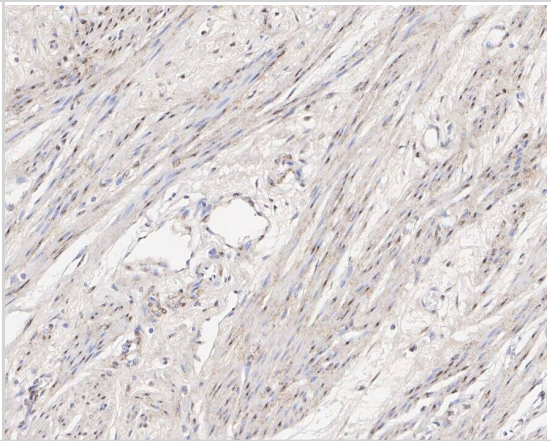
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32486) 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 1:100,000 dilution was used for 1 hour at room temperature.



Immunohistochemistry: Jumonji/JARID2 Antibody (PSH01-32) [NBP3-32486] - Immunohistochemical analysis of paraffin-embedded human cervix tissue with Rabbit anti-Jumonji/JARID2 antibody (NBP3-32486) at 1/200 dilution.

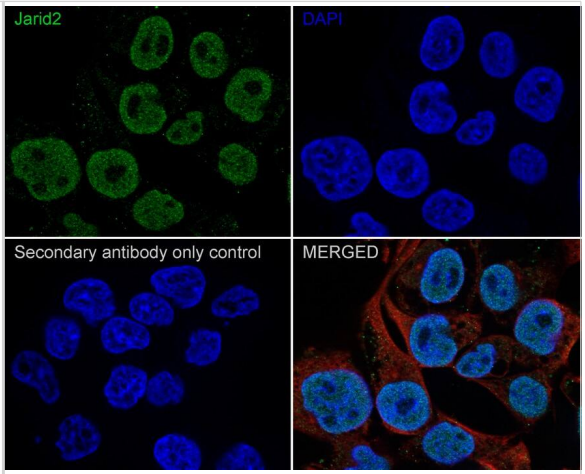
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (NBP3-32486) at 1/200 dilution for 1 hour at 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.



Immunocytochemistry/ Immunofluorescence: Jumonji/JARID2 Antibody (PSH01-32) [NBP3-32486] - Immunocytochemistry analysis of NCCIT cells labeling Jumonji/JARID2 with Rabbit anti-Jumonji/JARID2 antibody (NBP3-32486) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-Jumonji/JARID2 antibody (NBP3-32486) at 1/100 dilution in 1% BSA in PBST overnight at 4 □. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4□. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.



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Products Related to NBP3-32486

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.
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