

# Product Datasheet

## RNA Helicase A Antibody (JE34-97) NBP3-32907

Unit Size: 100 ul

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

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**NBP3-32907****RNA Helicase A Antibody (JE34-97)**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JE34-97
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	141 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit RNA Helicase A Antibody (JE34-97) (NBP3-32907) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1660
<b>Gene Symbol</b>	DHX9
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within Human RNA Helicase A aa 1,126-1,225 / 1,270. (Uniprot: Q08211)

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:200-1:1000



## Images

**Western Blot: RNA Helicase A Antibody (JE34-97) [NBP3-32907]** - Western blot analysis of RNA Helicase A on different lysates with Rabbit anti-RNA Helicase A antibody (NBP3-32907) at 1/1,000 dilution.

Lane 1: U-2 OS cell lysate (15 ug/Lane)  
 Lane 2: A431 cell lysate (15 ug/Lane)  
 Lane 3: HeLa cell lysate (15 ug/Lane)  
 Lane 4: HEK-293 cell lysate (15 ug/Lane)  
 Lane 5: K-562 cell lysate (15 ug/Lane)  
 Lane 6: A549 cell lysate (15 ug/Lane)  
 Lane 7: PANC-1 cell lysate (15 ug/Lane)  
 Lane 8: MCF7 cell lysate (15 ug/Lane)  
 Lane 9: Human brain tissue lysate (30 ug/Lane)

Predicted band size: 141 kDa  
 Observed band size: 141 kDa

Exposure time: 43 seconds;

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 (NBP3-32907) 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.

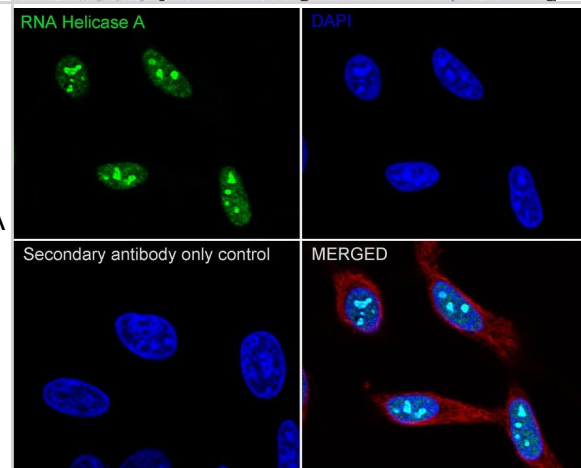
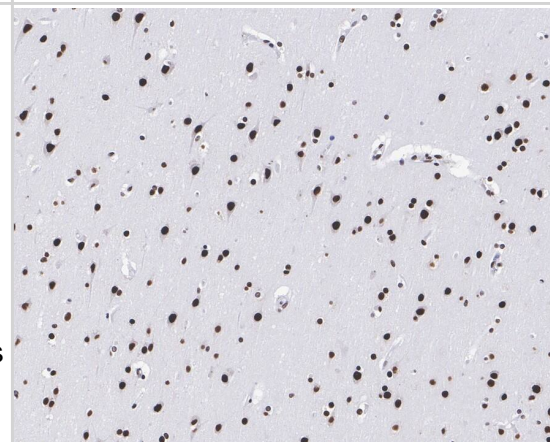
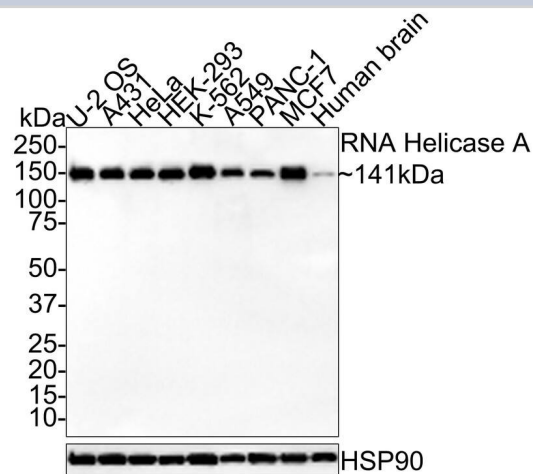
**Immunohistochemistry: RNA Helicase A Antibody (JE34-97) [NBP3-32907]** - Immunohistochemical analysis of paraffin-embedded human brain tissue with Rabbit anti-RNA Helicase A antibody (NBP3-32907) at 1/1,000 dilution.

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 ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32907) at 1/1,000 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.

**Immunocytochemistry/ Immunofluorescence: RNA Helicase A Antibody (JE34-97) [NBP3-32907]** - Immunocytochemistry analysis of HeLa cells labeling RNA Helicase A with Rabbit anti-RNA Helicase A antibody (NBP3-32907) at 1/100 dilution.

Cells were fixed in 100% methanol for 10 minutes, permeabilized with 0.1% Triton X-100 in PBS for 15 minutes, and then blocked with 1% BSA for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-RNA Helicase A antibody (NBP3-32907) at 1/100 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. 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 NBP3-32907**

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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

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### **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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