

# Product Datasheet

## EIF3A Antibody (JE58-60) NBP3-32297

Unit Size: 100 ul

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

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**NBP3-32297**

EIF3A Antibody (JE58-60)

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	JE58-60
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	167 kDa

Product Description	
Description	Novus Biologicals Rabbit EIF3A Antibody (JE58-60) (NBP3-32297) 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	8661
Gene Symbol	EIF3A
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human EIF3A aa 275-324 / 1,382. (Uniprot: Q14152)

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



## Images

Western Blot: EIF3A Antibody (JE58-60) [NBP3-32297] - Western blot analysis of EIF3A on different lysates with Rabbit anti-EIF3A antibody (NBP3-32297) at 1/1,000 dilution.

Lane 1: 293T cell lysate  
 Lane 2: A431 cell lysate  
 Lane 3: Jurkat cell lysate  
 Lane 4: Raji cell lysate  
 Lane 5: RAW264.7 cell lysate  
 Lane 6: NIH/3T3 cell lysate  
 Lane 7: L6 cell lysate  
 Lane 8: PC-12 cell lysate

Lysates/proteins at 15 ug/Lane.

Predicted band size: 167 kDa  
 Observed band size: 167 kDa

Exposure time: 7seconds;

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 (NBP3-32297) 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.

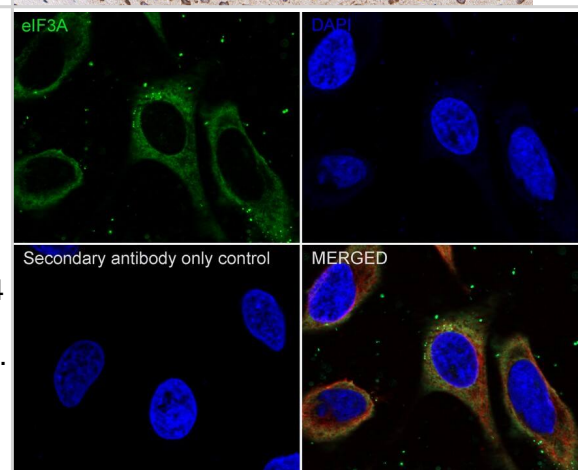
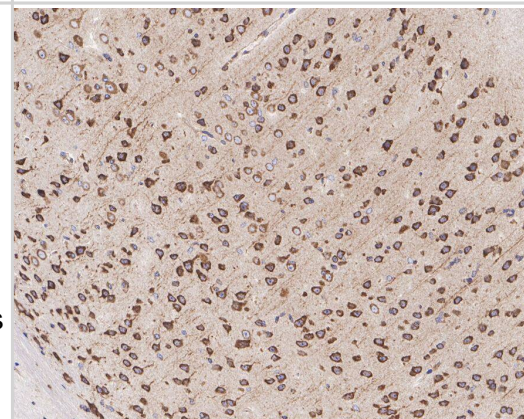
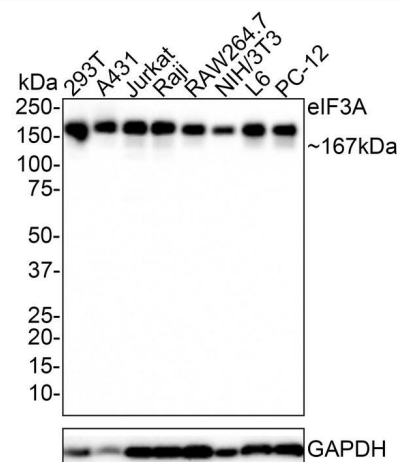
Immunohistochemistry: EIF3A Antibody (JE58-60) [NBP3-32297] - Immunohistochemical analysis of paraffin-embedded mouse brain tissue with Rabbit anti-EIF3A antibody (NBP3-32297) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 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 (NBP3-32297) 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: EIF3A Antibody (JE58-60) [NBP3-32297] - Immunocytochemistry analysis of HeLa cells labeling EIF3A with Rabbit anti-EIF3A antibody (NBP3-32297) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-EIF3A antibody (NBP3-32297) 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 1/200 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 NBP3-32297**

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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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