

Product Datasheet

EIF3B Antibody NBP2-24571SS

Unit Size: 0.025 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-24571SS

EIF3B Antibody

Product Information	
Unit Size	0.025 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.2 ml PBS and 0.05% BSA

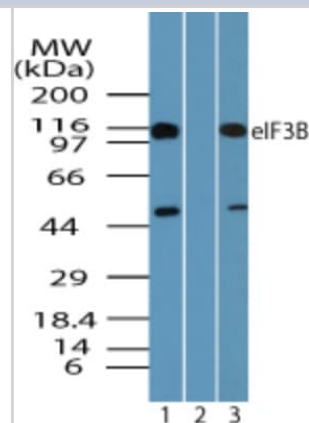
Product Description	
Host	Rabbit
Gene ID	8662
Gene Symbol	EIF3B
Species	Human, Mouse
Reactivity Notes	Reactive in human and mouse. Predicted to cross react with primate samples by homology.
Immunogen	A portion of amino acids 1-50 of human eIF3B was used as the immunogen for the antibody.

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.05-0.25 ug/ml, Simple Western 1:80, Immunohistochemistry, Immunohistochemistry-Paraffin 10 ug/ml
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size.



Images

Western Blot: EIF3B Antibody [NBP2-24571] - analysis of eIF3B in A431 cell lysate in the 1) absence and 2) presence of immunizing peptide and 3) NIH 3T3 cell lysate using eIF3B antibody at 0.25 ug/ml, 0.25 ug/ml and 0.05 ug/ml respectively.



Immunohistochemistry-Paraffin: EIF3B Antibody [NBP2-24571] - Formalin-fixed, paraffin-embedded human brain tissue stained with eIF3B antibody at 10 ug/ml. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



Simple Western: EIF3B Antibody [NBP2-24571] - Simple Western lane view shows a specific band for EIF3B in 0.5 mg/ml of A431 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Publications

Shin S, Han MJ, Jedrychowski MP et al. mTOR inhibition reprograms cellular proteostasis by regulating eIF3D-mediated selective mRNA translation and promotes cell phenotype switching Cell Reports 2023-08-01 [PMID: 37494188] (WB, Human)

Details:
Supplementary figure 5



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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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