

Product Datasheet

eIF4GII Antibody NBP2-16309

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-16309

eIF4GII Antibody

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	177 kDa

Product Description

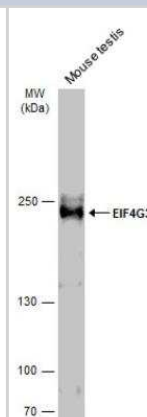
Description	Novus Biologicals Rabbit eIF4GII Antibody (NBP2-16309) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-eIF4GII Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8672
Gene Symbol	EIF4G3
Species	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the center region of human eIF4GII. The exact sequence is proprietary.

Product Application Details

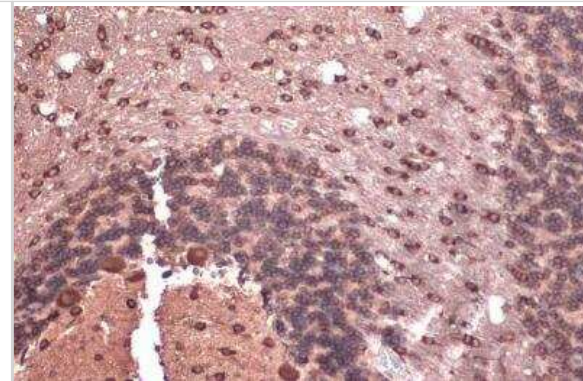
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:20000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000

Images

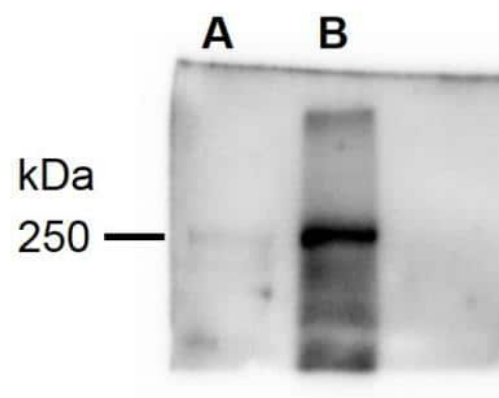
Western Blot: eIF4GII Antibody [NBP2-16309] - Mouse tissue extract (50 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with eIF4GII antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



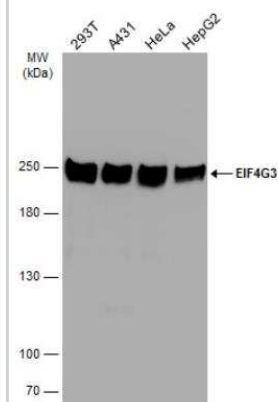
Immunohistochemistry-Paraffin: eIF4GII Antibody [NBP2-16309] - eIF4GII antibody detects eIF4GII protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. eIF4GII stained by eIF4GII antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



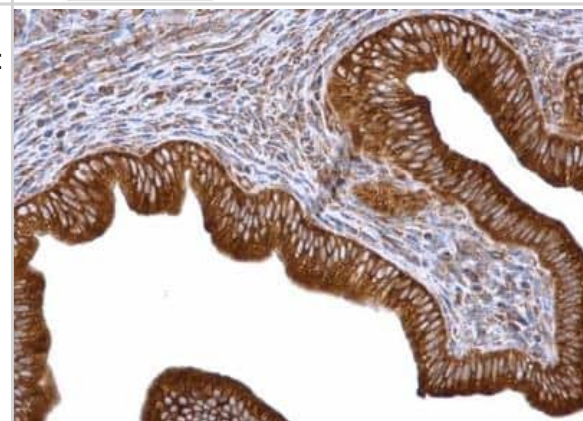
Western Blot: eIF4GII Antibody [NBP2-16309] - A: Marker. B: mouse testes. 6% SDS-PAGE gel, antibody diluted 1:10000. This image was submitted via customer review.



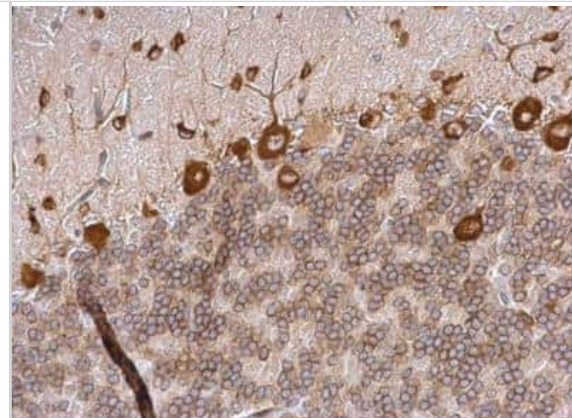
Western Blot: eIF4GII Antibody [NBP2-16309] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with eIF4GII antibody diluted at 1:10000.



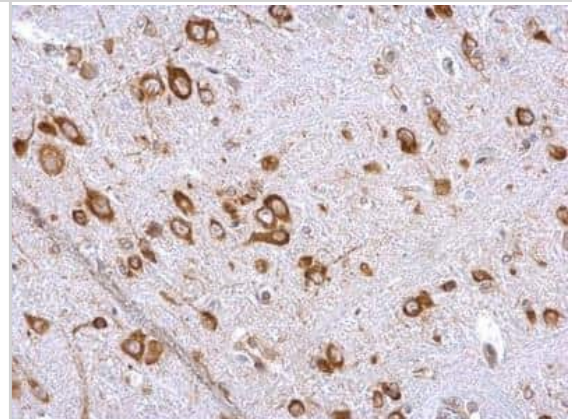
Immunohistochemistry-Paraffin: eIF4GII Antibody [NBP2-16309] - Paraffin-embedded mouse cervix. EIF4G3 antibody [N1], N-term dilution: 1:500.



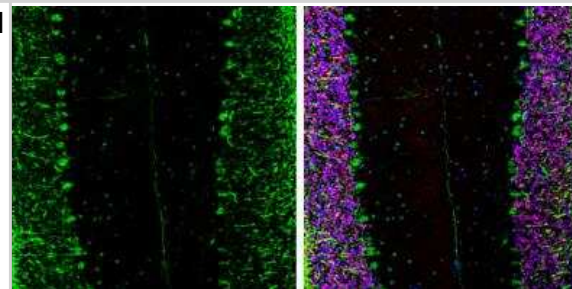
Immunohistochemistry-Paraffin: eIF4GII Antibody [NBP2-16309] - Paraffin-embedded rat hind brain. EIF4G3 antibody [N1], N-term dilution: 1:500.



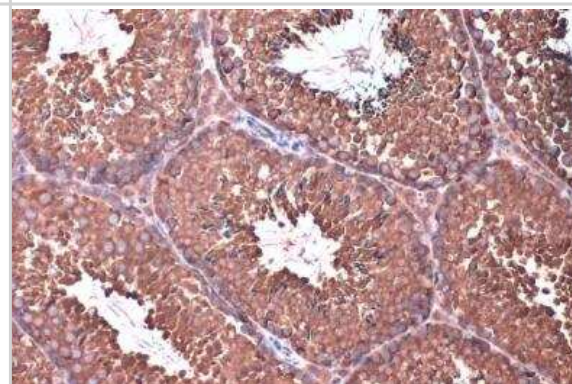
Immunohistochemistry-Paraffin: eIF4GII Antibody [NBP2-16309] - Paraffin-embedded mouse brain stem. EIF4G3 antibody [N1], N-term dilution: 1:500.



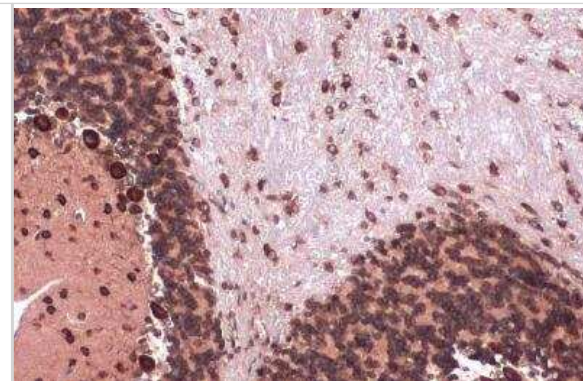
Immunohistochemistry-Frozen: eIF4GII Antibody [NBP2-16309] - eIF4GII antibody detects eIF4GII protein expression by immunohistochemical analysis. Sample: Frozen-sectioned adult mouse cerebellum. Green: eIF4GII protein stained by eIF4GII antibody diluted at 1:250. Red: NeuN, stained by NeuN antibody diluted at 1:500. Blue: Fluoroshield with DAPI.



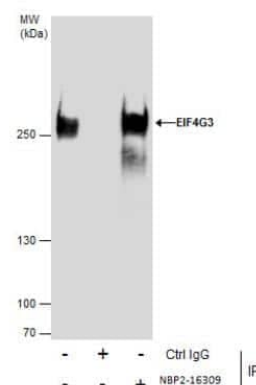
Immunohistochemistry-Paraffin: eIF4GII Antibody [NBP2-16309] - eIF4GII antibody [N1], N-term detects eIF4GII protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse testis. eIF4GII stained by eIF4GII diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



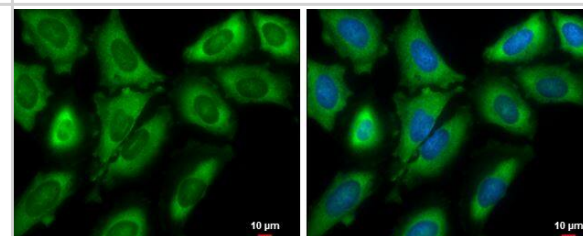
Immunohistochemistry-Paraffin: eIF4GII Antibody [NBP2-16309] - eIF4GII antibody detects eIF4GII protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. eIF4GII stained by eIF4GII antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Immunoprecipitation: eIF4GII Antibody [NBP2-16309] - Immunoprecipitation of EIF4G3 protein from 293T whole cell extracts using 5 ug of EIF4G3 antibody [N1], N-term. Western blot analysis was performed using EIF4G3 antibody [N1], N-term. EasyBlot anti-Rabbit IgG was used as a secondary reagent



eIF4GII Antibody [NBP2-16309] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: EIF4G3 protein stained by EIF4G3 antibody [N1], N-term diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 μ m.



Publications

Dai P, Wang X, Gou LT, et al. A Translation-Activating Function of MIWI/piRNA during Mouse Spermiogenesis Cell 2019-12-12 [PMID: 31835033]



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Products Related to NBP2-16309

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008672-P01-10ug	Recombinant Human eIF4GII GST (N-Term) Protein

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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