

Product Datasheet

eIF4E Antibody NB100-58833

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-58833

eIF4E Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA
Target Molecular Weight	25 kDa

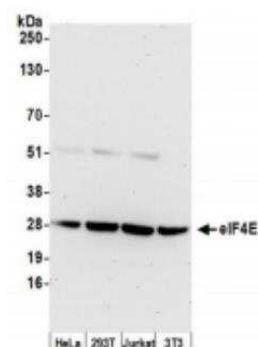
Product Description	
Host	Rabbit
Gene ID	1977
Gene Symbol	EIF4E
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 167 and 217 of human eukaryotic translation initiation factor using the numbering given in entry NP_001959.1 (GeneID 1977).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-10 ug/mg lysate

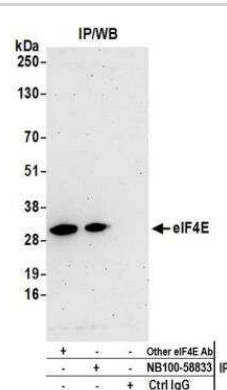


Images

Western Blot: eIF4E Antibody [NB100-58833] - Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-eIF4E antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunoprecipitation: eIF4E Antibody [NB100-58833] - Detection of human eIF4E by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-eIF4E antibody NB100-58833 used for IP at 3 ug per reaction. eIF4E was also immunoprecipitated by another rabbit anti-eIF4E antibody. For blotting immunoprecipitated eIF4E, NB100-58833 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



Publications

Smith EM, Benbahouche NEH, Morris K et al. The mTOR regulated RNA-binding protein LARP1 requires PABPC1 for guided mRNA interaction Nucleic acids research 2020-12-17 [PMID: 33332560] (WB, Human)

Details:
HeLa

Dong Z, Chen W, Chen C et al. CUL3 Deficiency Causes Social Deficits and Anxiety-like Behaviors by Impairing Excitation-Inhibition Balance through the Promotion of Cap-Dependent Translation Neuron 2019-11-21 [PMID: 31780330]



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Products Related to NB100-58833

NBL1-10204	eIF4E Overexpression Lysate
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. Primary Antibodies are guaranteed for 1 year from date of receipt.

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