

# Product Datasheet

## EIF3C Antibody - BSA Free

### NB100-511

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-511**

EIF3C Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Target Molecular Weight	105 kDa

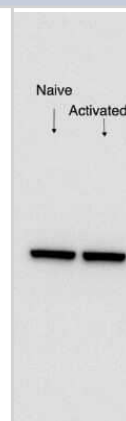
Product Description	
Host	Rabbit
Gene ID	8663
Gene Symbol	EIF3C
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in (PMID: 28241004).
Immunogen	A synthetic peptide derived from a sequence between residues 850 and 918 (the C-terminus) of human eukaryotic translation initiation factor 3, subunit 8, 110kDa using the numbering given in Swiss-Prot entry Q99613 (GeneID 8663).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunoprecipitation 2-10 ug/mg lysate
Application Notes	EIF3C antibody validated for WB from a verified customer review.

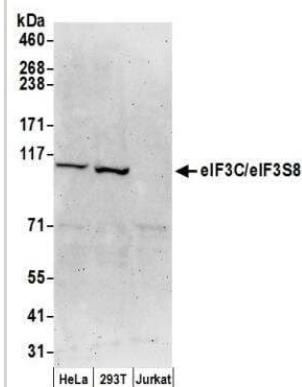


## Images

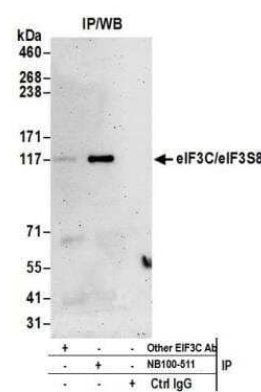
Western Blot: EIF3C Antibody [NB100-511] - eIF3C expression in naive and activated (overnight) murine B cells. Image submitted by a verified customer review.



Western Blot: EIF3C Antibody [NB100-511] - Detection of Human eIF3C/eIF3S8 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-eIF3C/eIF3S8 antibody NB100-511 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: EIF3C Antibody [NB100-511] - Detection of human eIF3C/eIF3S8 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-eIF3C/eIF3S8 antibody NB100-511 used for IP at 6 ug per reaction. eIF3C/eIF3S8 was inefficiently immunoprecipitated by rabbit anti-eIF3C/eIF3S8 antibody from Company B. For blotting immunoprecipitated eIF3C/eIF3S8, NB100-511 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



## Publications

Jia, Y;Feng, B;Ji, X;Tian, X;Zhao, L;Zhou, J;Zhang, W;Li, M;Fei, Y;Wu, X; Complement factor H attenuates TNF- $\alpha$ -induced inflammation by upregulating EIF3C in rheumatoid arthritis *Journal of translational medicine* 2023-11-23 [PMID: 37996918]

Santanusagna S, Zhu S, Jawalagatti V et al. Master transcription factor reprogramming unleashes selective translation promoting castration resistance and immune evasion in lethal prostate cancer *Cancer discovery* 2023-09-07 [PMID: 37676710] (WB)

Fujii K, Zhulyn O, Byeon GW Et al. Controlling tissue patterning by translational regulation of signaling transcripts through the core translation factor eIF3c *Developmental cell* 2021-11-08 [PMID: 34752747]

Jin HY, Oda H, Chen P et al. Differential Sensitivity of Target Genes to Translational Repression by miR-17-92. *PLoS Genet.* [PMID: 28241004] (WB, Mouse)

Chazal PE, Daguene E, Wendling C et al. EJC core component MLN51 interacts with eIF3 and activates translation *Proc Natl Acad Sci U S A* 2013-03-25 [PMID: 23530232] (WB, Human)



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### **Products Related to NB100-511**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-46772PEP	EIF3C Recombinant Protein Antigen

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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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