Product Datasheet

eIF4ENIF1 Antibody - Azide and BSA Free
H00056478-B01P

Unit Size: 0.05 mg

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

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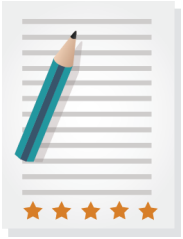
Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00056478-B01P

Updated 9/9/2025 v.20.1



H00056478-B01P

eIF4ENIF1 Antibody - Azide and BSA Free

Product Information

Unit Size	0.05 mg
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	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description

Description	Novus Biologicals Mouse eIF4ENIF1 Antibody - Azide and BSA Free (H00056478-B01P) is a polyclonal antibody validated for use in WB, Dual RNAscope ISH-IHC, ICC/IF and IP. Anti-eIF4ENIF1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	56478
Gene Symbol	EIF4ENIF1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 29395907).
Specificity/Sensitivity	Reacts with eukaryotic translation initiation factor 4E nuclear import factor 1.
Immunogen	EIF4ENIF1 (AAH33028.1, 1 a.a. - 985 a.a.) full-length human protein. MDRRSMGETESGDAFLDLKKPPASKCPHRYTKEELLDIKELPHSKQRPSCLSE KYDSDGVWDPEKWHASLYPASGRSSPVESLKKELDTDRPSLVRRIVDPRERV KEDDLDVVLSPQRRSFGGGCHVTAAVSSRRSGSPLEKDSDGLRLLGGRRIGS GRIISARTFEKDHRLSDKDLRDLRDRDRERDFKDKRFRREFGDSKRVFGERRR NDSYTEEEPEWFSAGPTSQSETIELTGFDDKILEEDHKGRKRTRRRTASVKEGI VECNGGVAEEDEVEVILAQEPAADQEVPRDAVLPEQSPGDFDFNEFFNLDKVP CLASMIEDVLGEGSVSASRFSRWFSNPSRSGSRSSSLGSTPHEELERLAGLEQ AILSPGQNSGNYFAPIPLEDHAENKVDILEMLQKAKVDLKPLLSSLSANKEKLKE SSHSGVVLSVEEVEAGLKGLKVDQQVKNSTPFMAEHLEETLSAVTNNRQLKKD GDMTAFNKLVSTMKASGTLPSQPKVSRNLESHLMSPAEIPGQPVPKNILQELL GQPVQRPASSNLLSGLMGSLEPTTSLLGQRAPSPPLSQVFQTRAASADYLRPR IPSPIGFTPGPQQLLGDPFQGMRKPMSPITAQMSQLELQQAALEGLALPHDLAV QAANFYQPGFGKPQVDRTRDGFRNRQQRVTKSPAPVHRGNSSSPAPAASITS MLSPSFTPTSVIRKMYESKEKSKEEPASGKAALGDSKEDTQKASEENLLSSSS VPSADRDSSPTTNSKLSALQRSSCSTPLSQANRYTKEQDYRPKATGRKTPTLA SPVPTTPFLRPVHQVPLVPHVPMVRPAHRLHPGLVQRMLAQGVHPQHLPSLL QTGVLPPGMDLSHLQGISGPILGQPFYPLPAASHPLLNPRPGTPLHLAMVQQQ LQRSVLHPPGSGSHAAAVSVQTTPQNVPSRSGLPHMHSQLEHRPSQRSSSPV GLAKWFGSDVLQQPLPSMPAKVISVDELEYRQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

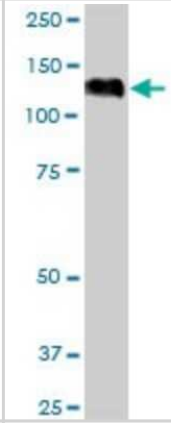
Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Dual RNAscope ISH-IHC

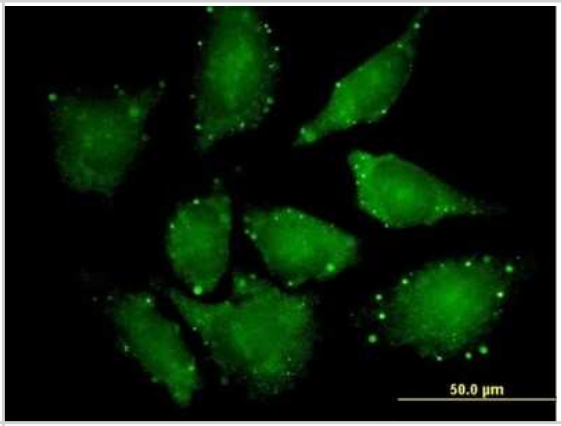
Recommended Dilutions	Western Blot 1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Dual RNAscope ISH-IHC
Application Notes	This antibody is reactive against cell and transfected lysate in western blot, immunofluorescence, and as a detection antibody in ELISA. Dual ISH-IHC validation (PMID: 29395907).

Images

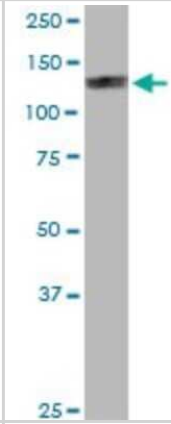
Western Blot: eIF4ENIF1 Antibody [H00056478-B01P] - Analysis of EIF4ENIF1 expression in Jurkat.



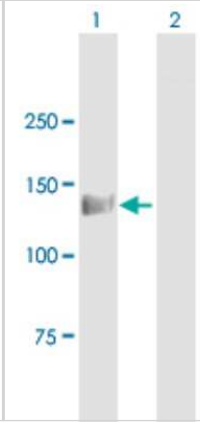
Immunocytochemistry/Immunofluorescence: eIF4ENIF1 Antibody [H00056478-B01P] - Analysis of purified antibody to EIF4ENIF1 on HeLa cell. (antibody concentration 10 ug/ml)



Western Blot: eIF4ENIF1 Antibody [H00056478-B01P] - Analysis of EIF4ENIF1 expression in Hela S3 NE.



Western Blot: eIF4ENIF1 Antibody [H00056478-B01P] - Analysis of EIF4ENIF1 expression in transfected 293T cell line by EIF4ENIF1 polyclonal antibody. Lane 1: EIF4ENIF1 transfected lysate(108.35 KDa). Lane 2: Non-transfected lysate.



Publications

Zahr SK, Yang G, Kazan H,
A Translational Repression Complex in Developing Mammalian Neural Stem Cells that Regulates Neuronal Specification. Neuron. 2018-02-07 [PMID: 29395907] (Dual ISH-IHC, Mouse)

Yang G, Smibert CA, Kaplan DR, Miller FD. An eIF4E1/4E-T Complex Determines the Genesis of Neurons from Precursors by Translationally Repressing a Proneurogenic Transcription Program Neuron. 2014-11-06 [PMID: 25456498]

Amadei G, Zander MA, Yang G et al. A Smaug2-Based Translational Repression Complex Determines the Balance between Precursor Maintenance versus Differentiation during Mammalian Neurogenesis. J Neurosci. 2015-11-25 [PMID: 26609159]

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
nb-customerservice@bio-techne.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: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00056478-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP1-89389PEP	eIF4ENIF1 Recombinant Protein Antigen

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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