

Datasheet for ABIN527919
anti-EIF4ENIF1 antibody (AA 1-985)



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Overview

Quantity:	50 µg
Target:	EIF4ENIF1
Binding Specificity:	AA 1-985
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This EIF4ENIF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human EIF4ENIF1 protein.
Immunogen:	EIF4ENIF1 (AAH33028.1, 1 a.a. ~ 985 a.a) full-length human protein.
Sequence:	MDRRSMGETE SGDAFLDLKK PPASKCPHRY TKEELLDIKE LPHSKQRPSC LSEKYDSDGV WDPEKWHASL YPASGRSSPV ESLKELDTD RPSLVRRIVD PRERVKEDDL DVVLSQRRS FGGGCHVTAA VSSRRSGSPL EKSDGLRLL GGRRIGSGRI ISARTFEKDH RLSKDLDLRL RDRDRERDFK DKRFRREFGD SKRVFGERRR NDSYTEEEPE WFSAGPTSQS ETIELTGFDD KILEEDHKGR KRTRRRTASV KEGIVECNGG VAEDEVEVI LAQEPAADQE VPRDAVLPEQ SPGDFDFNEF FNLDKVPCLA SMIEDVLGEG SVSASRFSRW FSNPSRSGSR SSSLGSTPHE ELERLAGLEQ AILSPGQNSG NYFAPILED HAENKVDILE MLQKAKVDLK PLLSSLSANK EKLKESHSYG VVLSVEEVEA GLKGLKVDQQ VKNSTPFMAE HLEETLSAVT NNRQLKKGDD MTAFNKLVT MKASGTLPSQ PKVSRNLESH LMSPAEIPGQ PVPKNILQEL LGQPVQRPAS SNLLSGLMGS LEPTTSLGQ RAPSPPLSQV FQTRAASADY LRPRIPSPIG FTPGPQQLG

Product Details

DPFQGMRKPM SPITAQMSQL ELQQAALGL ALPHDLAVQA ANFYQPGFGK PQVDRTRDGF
RNRQQRVTKS PAPVHRGNSS SPAPAASITS MLSPSFTPTS VIRKMYESKE KSKEEPASGK
AALGDSKEDT QKASEENLLS SSSVPSADRD SSPTTNSKLS ALQRSSCSTP LSQANRYTKE
QDYRPKATGR KTPTLASVPP TTPFLRPVHQ VPLVPHVPMV RPAHRLHPGL VQRMLAQGVH
PQHLPSSLQT GVLPPGMDLS HLQGISGPIL GQPFYPLPAA SHPLLNPRPG TPLHLAMVQQ
QLQRSVLHPP GSGSHAAAVS VQTTPQNVPS RSGLPHMHSQ LEHRPSQRSS SPVGLAKWFG
SDVLQQPLPS MPAKVISVDE LEYRQ

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

Target Details

Target: EIF4ENIF1

Alternative Name: EIF4ENIF1 ([EIF4ENIF1 Products](#))

Background: Full Gene Name: eukaryotic translation initiation factor 4E nuclear import factor 1
Synonyms: 4E-T,Clast4,FLJ21601,FLJ26551

Gene ID: 56478

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

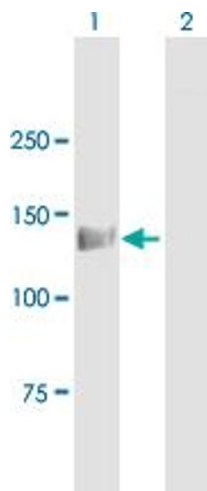
Publications

Product cited in: Amadei, Zander, Yang, Dumelie, Vessey, Lipshitz, Smibert, Kaplan, Miller: "A Smaug2-Based Translational Repression Complex Determines the Balance between Precursor Maintenance versus Differentiation during Mammalian Neurogenesis." in: **The Journal of neuroscience : the**

official journal of the Society for Neuroscience, Vol. 35, Issue 47, pp. 15666-81, (2015) ([PubMed](#)).

Yang, Smibert, Kaplan, Miller: "An eIF4E1/4E-T complex determines the genesis of neurons from precursors by translationally repressing a proneurogenic transcription program." in: **Neuron**, Vol. 84, Issue 4, pp. 723-39, (2014) ([PubMed](#)).

Images

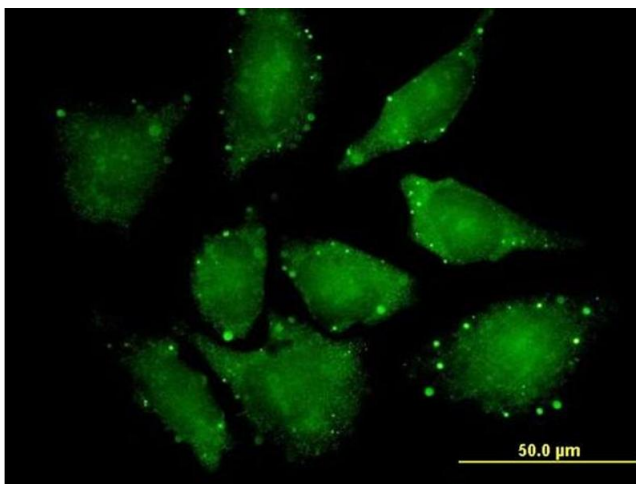


Western Blotting

Image 1. Western Blot analysis of EIF4ENIF1 expression in transfected 293T cell line by EIF4ENIF1 MaxPab polyclonal antibody.

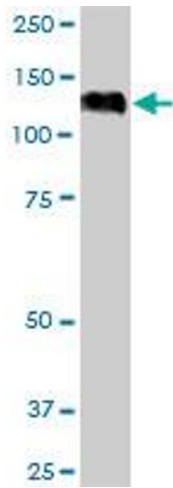
Lane 1: EIF4ENIF1 transfected lysate(108.35 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Image 2. Immunofluorescence of purified MaxPab antibody to EIF4ENIF1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 3. EIF4ENIF1 MaxPab polyclonal antibody. Western Blot analysis of EIF4ENIF1 expression in Jurkat.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN527919.