

Datasheet for ABIN2784203
anti-EIF3H antibody (N-Term)

3 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	EIF3H
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Horse, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3H antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EIF3H
Sequence:	MASRKEGTGS TATSSSSTAG AAGKGKGKGG SGDSAVKQVQ IDGLVVLKII
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against EIF3H. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	EIF3H
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Target Details

Alternative Name:	EIF3H (EIF3H Products)
Background:	<p>EIF3H belongs to the peptidase M67 family. It contains 1 MPN (JAB/Mov34) domain. EIF3H binds to the 40S ribosome and promotes the binding of methionyl-tRNAi and mRNA. It associates with the p170 subunit of EIF3.</p> <p>Alias Symbols: EIF3S3, MGC102958, eIF3-gamma, eIF3-p40</p> <p>Protein Interaction Partner: NCK2, UBC, ABI3, SORBS3, ABI2, YTHDF2, RPS20, RPS9, HECW2, TARDBP, EIF3D, NPM1, ICAM1, CSNK2A2, CD81, IGSF8, PAN2, gag-pol, EIF3B, HSP90AB1, HSP90AA1, DDX3X, SMURF1, EIF3E, EIF3L, PAXIP1, EIF3C, EIF3A, EIF3K, EIF3M, EIF3I, EIF3G, EIF3F, RPS6KB1, CDK2, YWH</p> <p>Protein Size: 352</p>
Molecular Weight:	40 kDa
Gene ID:	8667
NCBI Accession:	NM_003756 , NP_003747
UniProt:	O15372
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 352 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

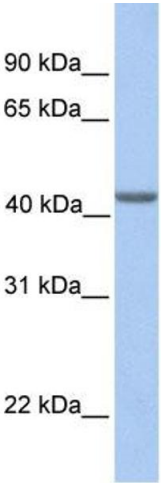
Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

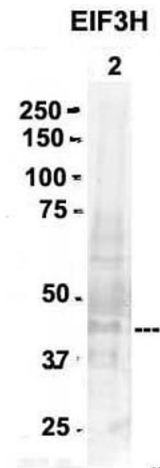
Product cited in:	Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: Genome research , Vol. 14, Issue 10B, pp. 2121-7, (2004) (PubMed).
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Images



Western Blotting

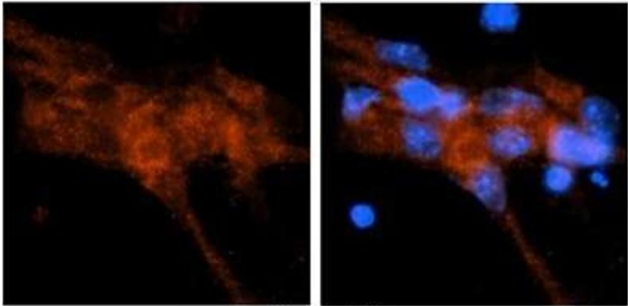
Image 1. WB Suggested Anti-EIF3H Antibody Titration: 0.2-1 ug/ml Positive Control: Human Muscle



Western Blotting

Image 2. Sample Type: 2. mouse brain extracts (80ug)
Primary Antibody Dilution: 2ug/ml
Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience
Secondary Antibody Dilution: 1: 20,000
Image Submitted by: Yuzhi Chen
University of Arkansas for Medical Science

EIF3H



Antibody--RED
DAPI--Blue

See IHC 1 Data and Customer Feedback for more information

Immunohistochemistry

Image 3. Researcher: Dr. Yuzhi Chen, University of Arkansas for Medical Science Application: IHC Species+tissue/cell type: Mouse brain stem cells Primary antibody dilution: 1:500 Secondary antibody: Goat anti-rabbit Alexa-Fluor 594 Secondary antibody dilution: 1:1000