Datasheet for ABIN6140064

anti-EIF3H antibody (AA 80-340)

6 Images

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Overview

Quantity:	100 µL
Target:	EIF3H
Binding Specificity:	AA 80-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3H antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 80-340 of human EIF3H (NP_003747.1).
Sequence:	NCFPFPQHTE DDADFDEVQY QMEMMRSLRH VNIDHLHVGW YQSTYYGSFV TRALLDSQFS YQHAIEESVV LIYDPIKTAQ GSLSLKAYRL TPKLMEVCKE KDFSPEALKK ANITFEYMFE EVPIVIKNSH LINVLMWELE KKSAVADKHE LLSLASSNHL GKNLQLLMDR VDEMSQDIVK YNTYMRNTSK QQQQKHQYQQ RRQQENMQRQ SRGEPPLPEE DLSKLFKPPQ PPARMDSLLI AGQINTYCQN IKEFTAQNLG K
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

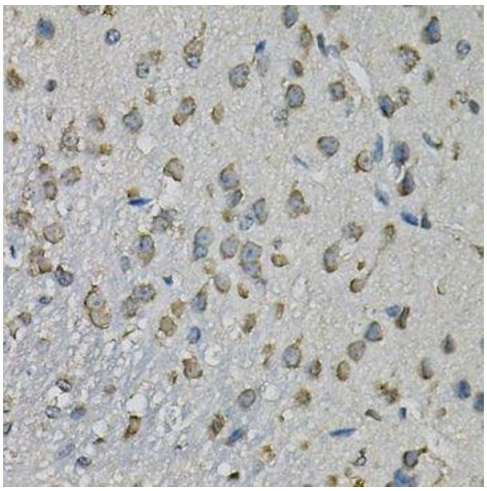
Target:	EIF3H
Alternative Name:	EIF3H (EIF3H Products)
Background:	Component of the eukaryotic translation initiation factor 3 (eIF-3 complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAi and eIF-5 to form the 43S pre-initiation complex (43S PIC. The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation, including cell cycling, differentiation and apoptosis, and uses different modes of RNA stem-loop binding to exert either translational activation or repression.,EIF3H,EIF3S3,eIF3-gamma,eIF3-p40,Epigenetics & Nuclear Signaling,RNA Binding,Translation Control,EIF3H
Molecular Weight:	39 kDa
Gene ID:	8667
UniProt:	O15372
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IP,1:50 - 1:200
Restrictions:	For Research Use only

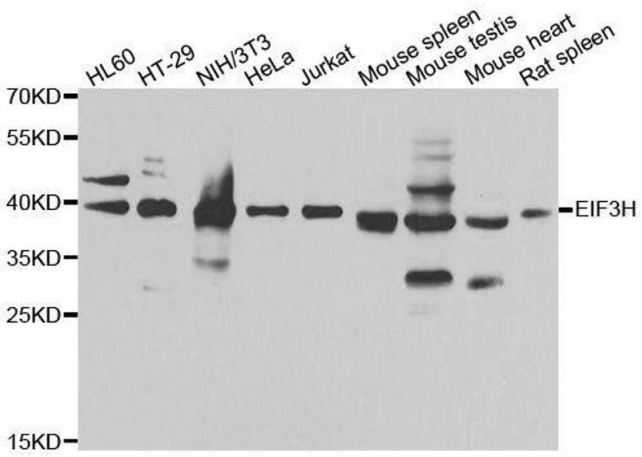
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



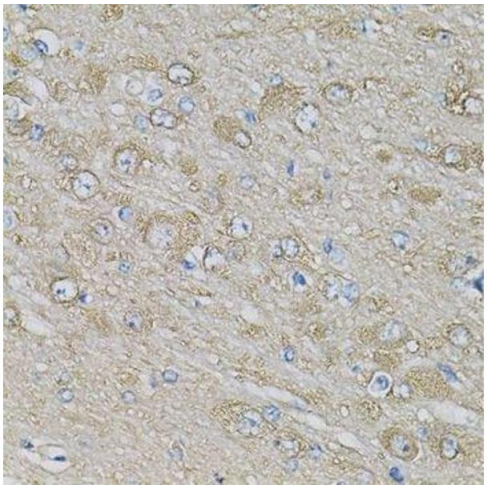
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded mouse brain using EIF3H Antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using EIF3H antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded rat brain using EIF3H Antibody.

Please check the product details page for more images. Overall 6 images are available for ABIN6140064.