

Rabbit EIF3H Polyclonal Antibody | anti-EIF3H antibody

EIF3H Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286544	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Chicken, Xenopus)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

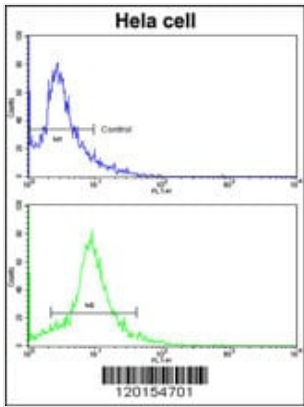
PRODUCT SYNONYMS

EIF3H; Polyclonal Antibody; EIF3H Antibody (C-term); Eukaryotic translation initiation factor 3 subunit H {ECO:0000255|HAMAP-Rule:MF_03007}; eIF3h {ECO:0000255|HAMAP-Rule:MF_03007}; Eukaryotic translation initiation factor 3 subunit 3 {ECO:0000255|HAMAP-Rule:MF_03007}; eIF-3-gamma; eIF3 p40 subunit {ECO:0000255|HAMAP-Rule:MF_03007}; EIF3H {ECO:0000255|HAMAP-Rule:MF_03007}; anti-EIF3H antibody

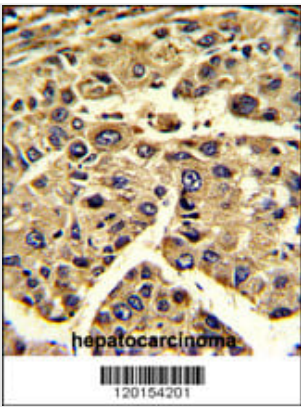
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Chicken, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EIF3H antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 234-263 amino acids from the C-terminal region of human EIF3H.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	234-263
Sequence Length	352
Applicable Applications for anti-EIF3H antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

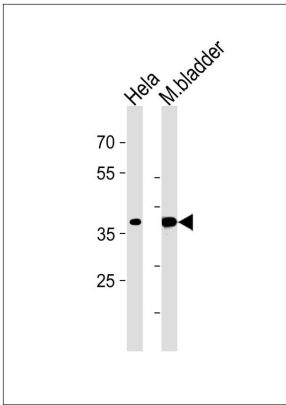
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of hela cells using EIF3H Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with EIF3H Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
EIF3H Antibody (N-term) western blot analysis in HeLa cell line and mouse bladder tissue lysates (35ug/lane).This demonstrates the EIF3H antibody detected the EIF3H protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-EIF3H antibody	EIF3H is a 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 preinitiation 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 posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation.
Product Categories/Family for anti-EIF3H antibody	Crown Antibodies
References	Cappuzzo,F., J Thorac Oncol 4 (4), 472-478 (2009) Zhou,M., Proc. Natl. Acad. Sci. U.S.A. 105 (47), 18139-18144 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503515
NCBI GeneID	8667
NCBI Accession #	NP_003747.1
NCBI GenBank Nucleotide #	NM_003756.2

UniProt Accession #	O15372
Molecular Weight	39930
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit H
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 3, subunit H
NCBI Official Symbol	EIF3H
NCBI Official Synonym Symbols	EIF3S3; eIF3-p40; eIF3-gamma
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit H
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit H
UniProt Gene Name	EIF3H
UniProt Synonym Gene Names	eIF3h
UniProt Entry Name	EIF3H_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eif3h-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/286544>