

Rabbit anti-Human, Mouse EIF3D Polyclonal Antibody | anti-EIF3D antibody

EIF3D Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305900	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

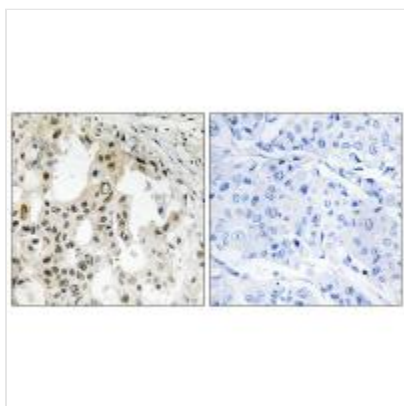
PRODUCT SYNONYMS

EIF3D; Polyclonal Antibody; EIF3D Antibody; eIF-3 zeta; eIF3 p66; eIF3d; EIF3S7; Eukaryotic translation initiation factor 3 subunit 7; anti-EIF3D antibody

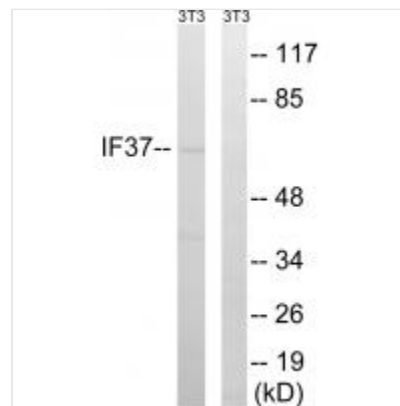
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total EIF3D protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	548
Applicable Applications for anti-EIF3D antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human EIF3D.
Target Name	EIF3D
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using EIF3D antibody.


WB (Western Blot)

Western blot analysis of extracts from 3T3 cells, using EIF3D antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF3D antibody	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 post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. HAMAP-Rule MF_03003Asano K., J. Biol. Chem. 272:27042-27052(1997).Kalnina N., Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.Collins J.E., Genome Biol. 5:RESEARCH84.1-RESEARCH84.11(2004).
Product Categories/Family for anti-EIF3D antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503523
NCBI GeneID	8664
NCBI Accession #	NP_003744.1
NCBI GenBank Nucleotide #	NM_003753.3
UniProt Accession #	O15371; Q3MJD9; Q5M9Q6; A8MWD3; B2R7D4; B4DTF8; B4DVY1
Molecular Weight	62,040 Da
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit D
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 3, subunit D
NCBI Official Symbol	EIF3D
NCBI Official Synonym Symbols	EIF3S7; eIF3-p66; eIF3-zeta
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit D
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit D
UniProt Gene Name	EIF3D
UniProt Synonym Gene Names	eIF3d
UniProt Entry Name	EIF3D_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/eif3d-antibody-immunohistochemistry-western-blot-elisa/305900>