

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

EIF3D Antibody

CATALOG # AAA230570	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	-----------------------	----------------------------	------------------------------

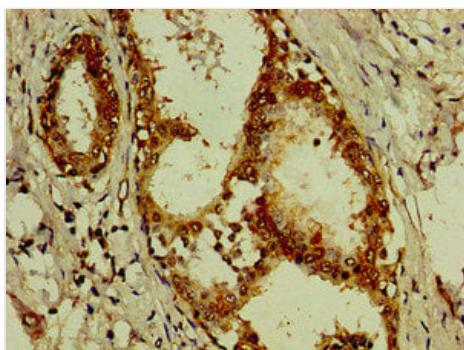
PRODUCT SYNONYMS

EIF3D; Polyclonal Antibody; EIF3D Antibody; Eukaryotic translation initiation factor 3 subunit D; Eukaryotic translation initiation factor 3 subunit 7; anti-EIF3D antibody

PRODUCT SPECIFICATIONS

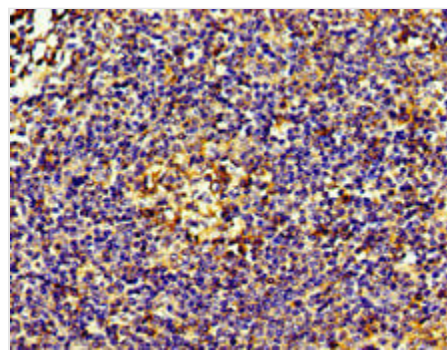
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	548
Applicable Applications for anti-EIF3D antibody	ELISA
Immunogen	Recombinant human Eukaryotic translation initiation factor 3 subunit D protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-16372 / sc-31896 / sc-28856
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



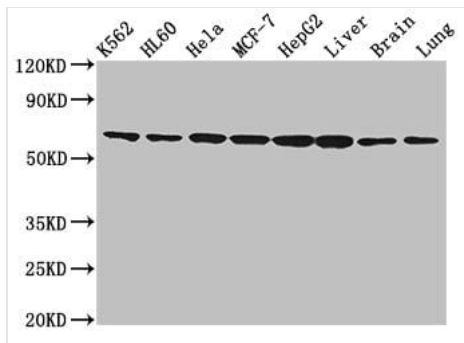
IHC (Immunohistochemistry)

IHC image of AAA230570 diluted at 1:200 and staining in paraffin-embedded human breast cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA230570 diluted at 1:200 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: K562 whole cell lysate, HL-60 whole cell lysate, HeLa whole cell lysate, MCF-7 whole cell lysate, HepG2 whole cell lysate, Rat liver tissue, Mouse brain tissue, Mouse lung tissue. All lanes: EIF3D antibody at 2 µg/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 64, 59, 63 kDa. Observed band size: 64 kDa.

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 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. In case of FCV infection, plays a role in the ribosomal termination-reinitiation event leading to the translation of VP2 (PubMed:18056426).

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/eif3d-antibody-elisa/230570>