

Rabbit anti-Human EIF3F Polyclonal Antibody | anti-EIF3F antibody

EIF3F Antibody, Rabbit PAb, Antigen Affinity Purified

CATALOG # AAA258279	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

EIF3F; Polyclonal Antibody; EIF3F Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-EIF3F Antibody; Rabbit Polyclonal; eukaryotic translation initiation factor 3 subunit F; Anti-eIF3-p47 Antibody; Anti-EIF3S5 Antibody; anti-EIF3F antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human EIF3F
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-EIF3F antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human EIF3F fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human EIF3F fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human EIF3F in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human EIF3F in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF3F antibody	Background: Eukaryotic translation initiation factor 3, subunit F (eIF3f), a component of eIF3 complex, plays an important role in protein synthesis regulation, although its physiological functions are unknown. eIF3f is one of the 13 subunits of the translation initiation factor complex eIF3 required for several steps in the initiation of mRNA translation. eIF3f is a multifunctional protein capable of interacting with proteins involved in different cellular processes, such as protein synthesis, DNA repair, and viral mRNA edition. In human cells, eIF3f is related to cell cycle and proliferation, and its deregulation compromises cell viability. In muscular cells, eIF3f activates protein synthesis by allowing physical interaction between the mechanistic target of rapamycin complex 1 (MTORC1) and ribosomal protein S6 kinase 1 (S6K1). The f subunit of the eukaryotic initiation factor 3 (eIF3f) is downregulated in several cancers and in particular in melanoma and pancreatic cancer cells.
References	Sanchez AM, et al. (2013) Eif3f: A central regulator of the antagonism atrophy/hypertrophy in skeletal muscle. Int J Biochem Cell Biol 45 (10): 2158-2162. Marchione R, et al. (2015) Md11-mediated delivery of recombinant eif3f induces melanoma and colorectal carcinoma cell death. Mol Ther Methods Clin Dev 2 14056. Gutiérrez-Fernández MJ, et al. (2015) The eukaryotic translation initiation factor 3f (eif3f) interacts physically with the alpha 1b-adrenergic receptor and stimulates adrenoceptor activity. BMC Biochem 16 25. Docquier A, et al. (2019) Eif3f depletion impedes mouse embryonic development, reduces adult skeletal muscle mass and amplifies muscle loss during disuse. J Physiol 597 (12): 3107-3131.

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/eif3f-antibody-immunohistochemistry-elisa/258279>