

Datasheet for ABIN2788967
anti-EIF3F antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	EIF3F
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Horse, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3F antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	VILASIVDSY ERRNEGAARV IGTLTGTVDK HSVEVTNCFS VPHNESEDEV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against EIF3F. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	EIF3F
Alternative Name:	EIF3F (EIF3F Products)
Background:	EIF3F is a component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is

Target Details

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.

Alias Symbols: EIF3S5, eIF3-p47

Protein Interaction Partner: HUWE1, UBC, SUMO2, RNF2, FBXO6, RPS6KB1, IGSF8, ICAM1, CD81, DDX3X, gag-pol, EIF3D, EIF3B, ATXN1, SMAD9, FN1, EIF3M, EIF3C, EIF3A, MSMO1, EIF3E, ATP6V1A, APP, EIF3L, EIF3K, MRPL46, EIF3I, EIF3H, EIF3G, UBD, HNRNPK, CDK11B, YWHAZ, NOTCH1, DTX1, RAD21, FBXO

Protein Size: 357

Molecular Weight: 39 kDa

Gene ID: 8665

NCBI Accession: [NM_003754](#), [NP_003745](#)

UniProt: [O00303](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 357 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

