

## Datasheet for ABIN926825 **anti-EIF3F antibody (N-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	EIF3F
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3F antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	EIF3 F antibody was raised in rabbit using the N terminal of EIF3 as the immunogen
Purification:	Purified

#### Target Details

Target:	EIF3F
Alternative Name:	EIF3F ( <a href="#">EIF3F Products</a> )
Background:	EIF3F 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

## Target Details

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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. Synonyms: Polyclonal EIF3F antibody, Anti-EIF3F antibody, eukaryotic translation initiation factor 3, subunit F antibody, EIF3S5 antibody, eIF3-p47 antibody.

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

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Application Notes: Optimal conditions should be determined by the investigator.

Comment: EIF3F Blocking Peptide, catalog no. 33R-10424, is also available for use as a blocking control in assays to test for specificity of this EIF3F antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

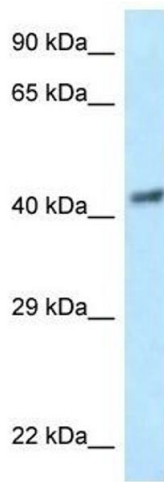
Concentration: Lot specific

Buffer: Lyophilized powder. Add 50  $\mu$ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



### Western Blotting

**Image 1.** Western Blot showing EIF3F antibody used at a concentration of 1 ug/ml against HeLa Cell Lysate