

Datasheet for ABIN1537085
anti-EIF4A3 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	EIF4A3
Binding Specificity:	AA 297-325, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4A3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This EIF4A3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 297-325 amino acids from the C-terminal region of human EIF4A3.
Clone:	RB40238
Isotype:	Ig Fraction
Predicted Reactivity:	X, B, C, Zf, Pr, M, Pig, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	EIF4A3
Alternative Name:	EIF4A3 (EIF4A3 Products)

Target Details

Background: This gene encodes a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein encoded by this gene is a nuclear matrix protein. Its amino acid sequence is highly similar to the amino acid sequences of the translation initiation factors eIF4AI and eIF4AII, two other members of the DEAD box protein family.

Molecular Weight: 46871

Gene ID: 9775

NCBI Accession: [NP_055555](#)

UniProt: [P38919](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

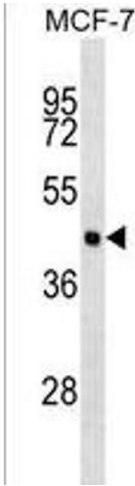
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: EIF4A3 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. EIF4A3 Antibody (C-term) (ABIN1537085 and ABIN2838327) western blot analysis in MCF-7 cell line lysates (35 µg/lane). This demonstrates the EIF4A3 antibody detected the EIF4A3 protein (arrow).