

## EIF4A2 Antibody (C-term)

Catalog_no :	AB2658
Reactivity :	H
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN:333-360
Specificity :	This EIF4A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 333-360 amino acids from the C-terminal region of human EIF4A2.
Dilution :	WB,1:4000;WB,1:1000;IHC-P,1:50~100;FC,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Eukaryotic initiation factor 4A-II, eIF-4A-II, eIF4A-II, ATP-dependent RNA helicase eIF4A-2, EIF4A2, DDX2B, EIF4F
Isotype :	Rabbit Ig
Background :	Eukaryotic initiation factor 4A plays an important role in the binding of mRNA to the 43S preinitiation complex when protein synthesis begins. Two highly homologous forms of functional EIF4A genes, Eif4a1 and Eif4a2, have been isolated in mice; yeast cells also possess 2 EIF4A genes, TIF1 and TIF2. The murine Eif4a and yeast TIF genes appear to belong to a DEAD-box gene family, whose members exhibit extensive amino acid similarity and contain the asp-glu-ala-asp (DEAD) sequence. DEAD-box genes have been identified in species ranging from E-coli to humans. Their function appears to be related to transcriptional/translational regulation (referenced from OMIM).
reference :	Martins-de-Souza,D., et.al., J Neural Transm 116 (3), 275-289 (2009) Lin,C.J., et.al., Cancer Res. 68 (13), 5326-5334 (2008)