Datasheet for ABIN653137

anti-EIF4A2 antibody (C-Term)

5 Images

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Overview

Quantity:	400 µL
Target:	EIF4A2
Binding Specificity:	AA 333-360, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	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.
Clone:	RB23766
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pr, M, Rb, C, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	EIF4A2

Target Details

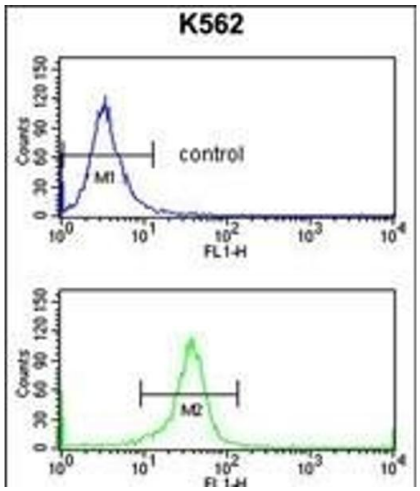
Alternative Name:	EIF4A2 (EIF4A2 Products)
Background:	Eukaryotic initiation factor 4A plays an important role in the binding of mRNA to the 43S preinitiation complex when protein synthesis begins. Two highly homologous forms of functional EIF4A genes, Eif4a1 and Eif4a2, have been isolated in mice, yeast 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).
Molecular Weight:	46402
Gene ID:	1974
NCBI Accession:	NP_001958
UniProt:	Q14240

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:4000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

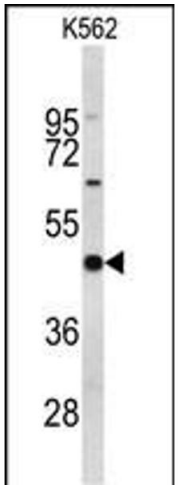
Handling

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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



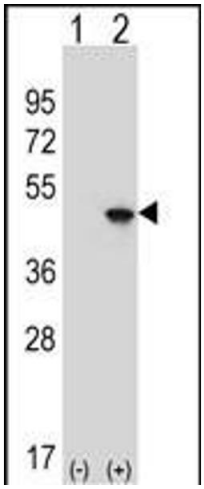
Flow Cytometry

Image 1. EIF4A2 Antibody (C-term) (ABIN653137 and ABIN2842713) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of EIF4A2 Antibody (C-term) (ABIN653137 and ABIN2842713) in K562 cell line lysates (35 µg/lane). EIF4A2 (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Western blot analysis of EIF4A2 (arrow) using rabbit polyclonal EIF4A2 Antibody (C-term) (ABIN653137 and ABIN2842713). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the EIF4A2 gene.

Please check the product details page for more images. Overall 5 images are available for ABIN653137.