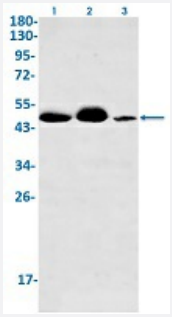
RecomAb™

EIF4A3 recombinant monoclonal antibody, clone R05-1B7

Catalog # RAB02309 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: Hela, Lane 2: CHO-K1 and Lane 3: C6 lysates with EIF4A3 recombinant monoclonal antibody, clone R05-1B7 (Cat # RAB02309).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human EIF4A3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human EIF4A3.
Theoretical MW (kDa)	Calculated MW: 47 kD
Reactivity	Hamster, Human, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western Blot analysis of Lane 1: Hela, Lane 2: CHO-K1 and Lane 3: C6 lysates with EIF4A3 recombinant monoclonal antibody, clone R05-1B7 (Cat # RAB02309).

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

Gene Info — EIF4A3

Entrez GeneID	9775
Protein Accession#	P38919
Gene Name	EIF4A3
Gene Alias	DDX48, KIAA0111, MGC10862, NMP265, NUK-34, eIF4AIII, hNMP265
Gene Description	eukaryotic translation initiation factor 4A, isoform 3
Omim ID	608546
Gene Ontology	Hyperlink
Gene Summary	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 implicate d in a number of cellular processes involving alteration of RNA secondary structure, such as transl ation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Ba sed on their distribution patterns, some members of this family are believed to be involved in emb ryogenesis, 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 protei n family. [provided by RefSeq

Other Designations	DEAD (Asp-Glu-Ala-Asp) box polypeptide 48|eukaryotic initiation factor 4A-like NUK-34