

Datasheet for ABIN1679696
anti-EIF4A3 antibody (AA 1-210)

2 Images

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Overview

Quantity:	100 µg
Target:	EIF4A3
Binding Specificity:	AA 1-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4A3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-210 of human eIF4A3 (NP_055555.1).
Sequence:	MATTATMATS GSARKRLKE EDMTKVEFET SEEVDVTPTF DTMGLREDLL RGIYAYGF EK PSAIQQRAIK QIIKGRDVIA QSQSGTGKTA TFSISVLQCL DIQVRETQAL ILAPTRELAV QIQKGLLALG DYMNVQCHAC IGGTNVGEDI RKLDYGQHV AGTPGRVFDM IRRRSLRTRA IKMLVLDEAD EMLNKGFEKQ IYDVYRYLPP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

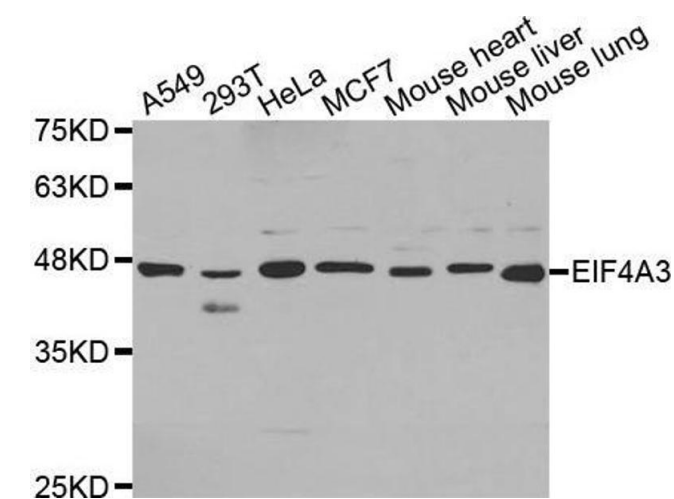
Target:	EIF4A3
Alternative Name:	EIF4A3 (EIF4A3 Products)
Background:	<p>This gene encodes a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving 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.,EIF4A3,DDX48,MUK34,NMP265,NUK34,RCPS,eIF4AIII,Fal1,Epigenetics & Nuclear Signaling,RNA Binding,EIF4A3</p>
Molecular Weight:	46 kDa
Gene ID:	9775
UniProt:	P38919

Application Details

Application Notes:	WB,1:1000 - 1:3000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

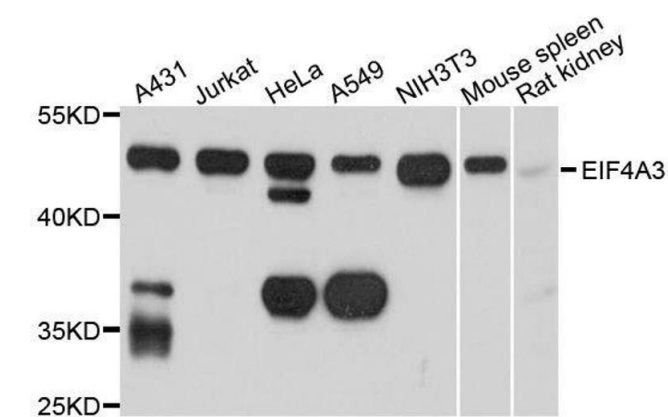
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using EIF4A3 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using EIF4A3 antibody.