

**Product Name: eIF4A1 Rabbit Monoclonal Antibody****Catalog #: AMRe85529**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IP 1:10-1:20
<b>Molecular Weight</b>	Calculated MW: 46 kDa; Observed MW: 46 kDa

**Antigen Information**

<b>Gene Name</b>	eIF4A1
<b>Alternative Names</b>	Eukaryotic initiation factor 4A-I; eIF-4A-I; eIF4A-I; ATP-dependent RNA helicase eIF4A-1
<b>Gene ID</b>	1973.0
<b>SwissProt ID</b>	P60842
<b>Immunogen</b>	A synthetic peptide of human eIF4A1

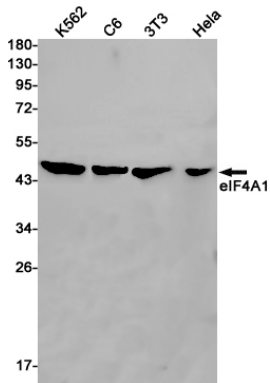
**Background**

ATP-dependent RNA helicase which is a subunit of the eIF4F complex involved in cap recognition and is required for mRNA binding to ribosome.

## Research Area

mTOR signaling pathway

## Image Data



Western blot analysis of eIF4A1 in K562, C6, 3T3, HeLa lysates using eIF4A1 antibody.