
Product Name: eIF4A1 (6D7) Mouse Monoclonal Antibody**Catalog #: AMM03587**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 46 kDa; Observed MW: 46 kDa

Antigen Information

Gene Name	EIF4A1
Alternative Names	Eukaryotic initiation factor 4A-I; eIF-4A-I; eIF4A-I; ATP-dependent RNA helicase eIF4A-1
Gene ID	1973
SwissProt ID	P60842
Immunogen	A synthetic peptide of human eIF4A1

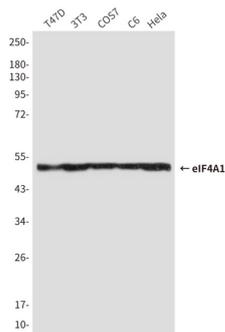
Background

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

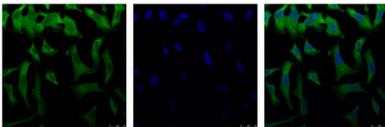
Research Area

Epigenetics and Nuclear Signaling

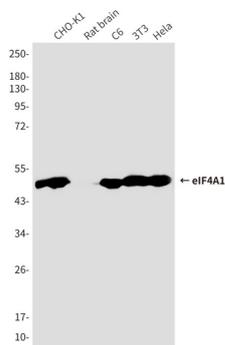
Image Data



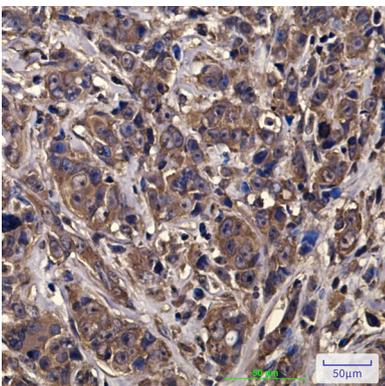
Western blot analysis of eIF4A1 in T47D, 3T3, COS7, C6 and HeLa lysates using eIF4A1 antibody.



Immunofluorescence analysis of eIF4A1 (6D7) in HeLa using eIF4A1 (6D7) antibody (Left), and DAPI (blue)



Western blot analysis of eIF4A1 (6D7) in CHO-K1, rat brain, C6, 3T3, HeLa lysates using eIF4A (6D7) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using eIF4A1 (6D7) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.