

ARG57332 anti-eIF4A1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes eIF4A1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IP, WB
Specificity	This antibody might also react to eIF4A2 based on sequence analysis (90%).
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	eIF4A1
Species	Human
Immunogen	Recombinant Protein of Human eIF4A1.
Conjugation	Un-conjugated
Alternate Names	ATP-dependent RNA helicase eIF4A-1; EIF4A; Eukaryotic initiation factor 4A-I; EIF-4A; DDX2A; EC 3.6.4.13; eIF4A-I; eIF-4A-I

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IP	1:20 - 1:50
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

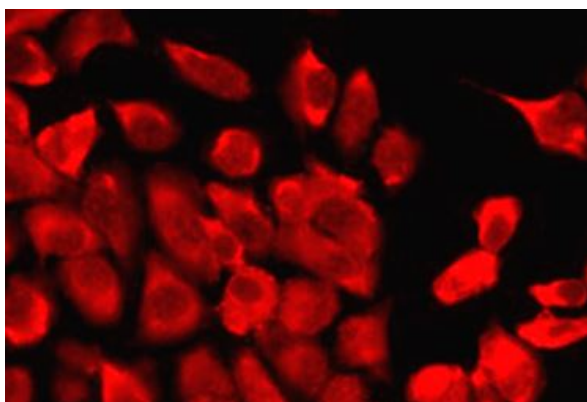
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

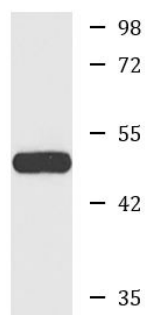
Gene Symbol	EIF4A1
Gene Full Name	eukaryotic translation initiation factor 4A1
Function	ATP-dependent RNA helicase which is a subunit of the eIF4F complex involved in cap recognition and is required for mRNA binding to ribosome. In the current model of translation initiation, eIF4A unwinds RNA secondary structures in the 5'-UTR of mRNAs which is necessary to allow efficient binding of the small ribosomal subunit, and subsequent scanning for the initiator codon. [UniProt]
Calculated Mw	46 kDa

Images



ARG57332 anti-eIF4A1 antibody ICC/IF image

Immunofluorescence: MCF-7 cells stained with ARG57332 anti-eIF4A1 antibody.



HeLa

ARG57332 anti-eIF4A1 antibody WB image

Western blot: HeLa cell lysate stained with ARG57332 anti-eIF4A1 antibody.