

eIF4A1 Rabbit mAb

Catalog No: #56446



Package Size: #56446-1 50ul #56446-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	eIF4A1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF
Species Reactivity	Human;Mouse;Rat
Specificity	eIF4A1 Antibody detects endogenous levels of total eIF4A1
Immunogen Description	A synthesized peptide derived from human eIF4A1
Conjugates	Unconjugated
Other Names	DDX2; DDX2A; eIF 4A I; EIF4A; eIF4A I; eIF4A-I; EIF4A1;
Accession No.	Uniprot:P60842
Calculated MW	46kDa
SDS-PAGE MW	46kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

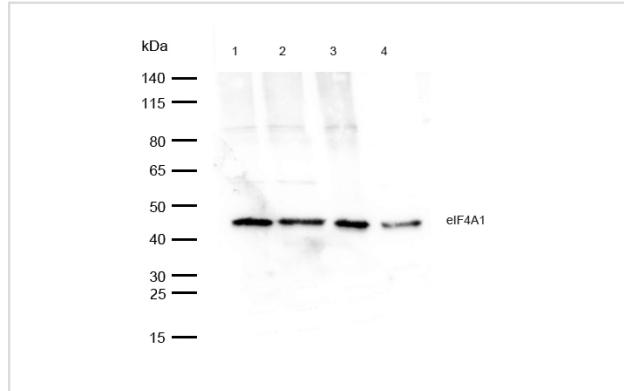
Application Details

WB:1:500~1:2000

ICC/IF:1:50~1:200

FC:1:50

Images



All lanes: eIF4A1 Rabbit mAb at 1/1k dilution

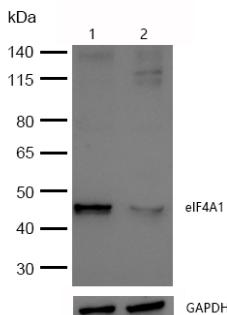
Lane 1 : HeLa whole cell lysates Lane 2 : JK whole cell lysates
 Lane 3 : MCF7 whole cell lysates Lane 4 : PC12 whole cell lysates

Lysates/proteins at 20 µg per lane.

Secondary
 All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 46 kDa
 Observed band size: 46 kDa

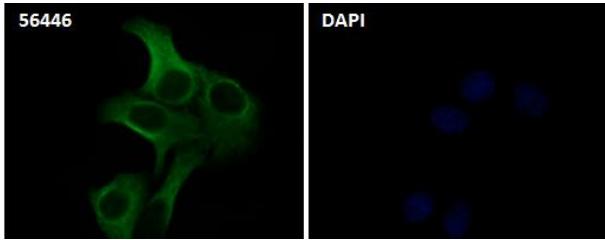
Exposure time: 5 seconds



All lanes: eIF4A1 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HeLa cell lysate
 Lane 2 : eIF4A1 knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Immunocytochemistry/ Immunofluorescence eIF4A1 antibody (56446) ICC/IF staining of eIF4A1 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 56446 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Product Description

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

Note: This product is for in vitro research use only and is not intended for use in humans or animals.