

Rabbit EIF4A1 Polyclonal Antibody | anti-EIF4A1 antibody

EIF4A1 Polyclonal Antibody

CATALOG # AAA279479	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, Immunofluorescence, Western Blot
-------------------------------	-----------------------	--	--

PRODUCT SYNONYMS

EIF4A1; Polyclonal Antibody; EIF4A1 Polyclonal Antibody; Eif4a; DDX2A; EIF4A; EIF-4A; eIF4A-I; eIF-4A-I; anti-EIF4A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence Length	406
Applicable Applications for anti-EIF4A1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot)
Species	Human
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-406 of human EIF4A1 (NP_001407.1).
Category Polyclonal	Antibodies
Observed MW	48kDa
Calculated MW	39kDa/46kDa
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 200ug extracts of NIH/3T3 cells using 3ug EIF4A1 antibody (AAA279479). Western blot was performed from the immunoprecipitate using EIF4A1 antibody (AAA279479) at a dilution of 1:1000.



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using EIF4A1 antibody AAA279479. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using EIF4A1 antibody AAA279479 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4A1 antibody	EIF4A1 is an 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.
Product Categories/Family for anti-EIF4A1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	46397463
NCBI GeneID	1973
UniProt Accession #	P60842; P04765; Q5U018; Q61516; B2R6L8; D3DTP9; J3QLC4
Molecular Weight	Calculated MW: 39kDa/46kDa 46kDa
NCBI Official Full Name	Eukaryotic initiation factor 4A-I
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4A1
NCBI Official Symbol	EIF4A1
NCBI Official Synonym Symbols	DDX2A; EIF4A; EIF-4A; eIF4A-I; eIF-4A-I
NCBI Protein Information	eukaryotic initiation factor 4A-I; eukaryotic initiation factor 4AI; ATP-dependent RNA helicase eIF4A-1; eukaryotic translation initiation factor 4A, isoform 1
UniProt Protein Name	Eukaryotic initiation factor 4A-I
UniProt Gene Name	EIF4A1
UniProt Synonym Gene Names	DDX2A; EIF4A; eIF-4A-I; eIF4A-I
UniProt Entry Name	IF4A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/eif4a1-antibody-immunoprecipitation-immunofluorescence-western-blot-elisa/279479>