

Rabbit anti-Human, Rat Eukaryotic initiation factor 4A-I Polyclonal Antibody | anti-EIF4A1 antibody

Rabbit anti-human Eukaryotic initiation factor 4A-I polyclonal Antibody(EIF4A1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118874	Rabbit	Human, Rat	Immunohistochemistry, Western Blot, ELISA

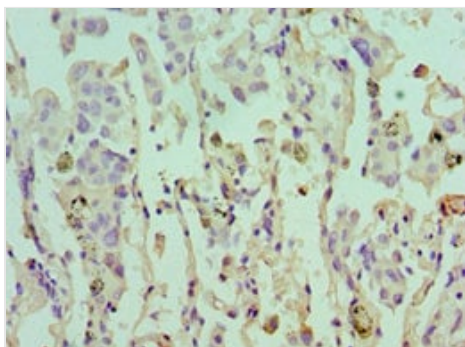
PRODUCT SYNONYMS

Eukaryotic initiation factor 4A-I; Polyclonal Antibody; Rabbit anti-human Eukaryotic initiation factor 4A-I polyclonal Antibody(EIF4A1); eIF-4A-I; eIF4A-I; ATP-dependent RNA helicase eIF4A-1; EIF4A1; DDX2A; EIF4A; anti-EIF4A1 antibody

PRODUCT SPECIFICATIONS

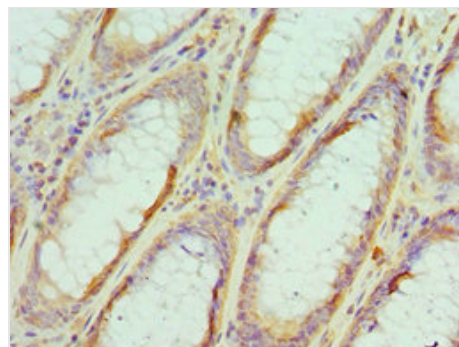
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	347
Applicable Applications for anti-EIF4A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Eukaryotic initiation factor 4A-I protein (167-406aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-14211 / sc-50354
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



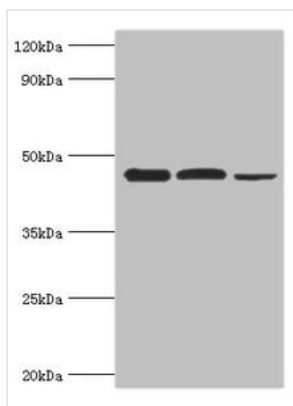
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA118874 at dilution 1:100



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA118874at dilution 1:100



WB (Western Blot)

All lanes: Eukaryotic initiation factor 4A-I antibody at 3ug/ml
 Lane 1: K562 whole cell lysate
 Lane 2: HeLa whole cell lysate
 Lane 3: rat brain tissue
 Secondary: Goat polyclonal to rabbit at 1/10000 dilution
 Predicted band size: 47,40 kDa
 Observed band size: 46 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4A1 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	325197164
NCBI GeneID	1973
NCBI Accession #	NP_001191439.1
NCBI GenBank Nucleotide #	NM_001204510.1
UniProt Accession #	P60842; P04765; Q5U018; Q61516; B2R6L8; D3DTP9; J3QLC4
Molecular Weight	39,548 Da
NCBI Official Full Name	eukaryotic initiation factor 4A-I isoform 2
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eukaryotic-initiation-factor-4a-i-antibody-immunohistochemistry-western-blot-elisa/118874>