

Rabbit anti-Human Eukaryotic initiation factor 4A-II Polyclonal Antibody | anti-eIF4A-I antibody

Rabbit anti- human Eukaryotic initiation factor 4A-II polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA81403	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

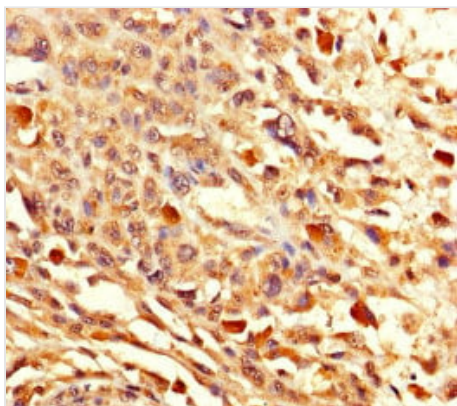
PRODUCT SYNONYMS

Eukaryotic initiation factor 4A-II; Polyclonal Antibody; Rabbit anti- human Eukaryotic initiation factor 4A-II polyclonal Antibody; EIF4A2; DDX2B; EIF4F; eIF-4A-III; ATP-dependent RNA helicase eIF4A-2; anti-eIF4A-I antibody

PRODUCT SPECIFICATIONS

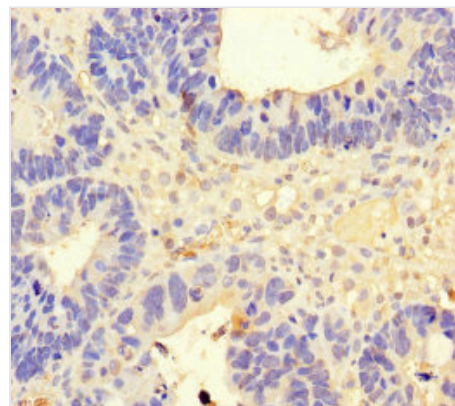
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	407
Applicable Applications for anti-eIF4A-I antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Eukaryotic initiation factor 4A-II protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-14215
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



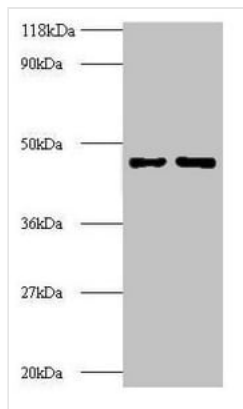
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human melanoma cancer using AAA81403 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human ovarian cancer using AAA81403 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: Eukaryotic initiation factor 4A-II antibody at 2ug/mlLane 1: EC109 whole cell lysateLane 2: 293T whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilutionPredicted band size: 44.8kDaObserved band size: 44.8kDa

ADDITIONAL INFORMATION

Related Product Information for anti-eIF4A-I antibody

Eukaryotic initiation factor 4A plays an important role in the binding of mRNA to the 43S preinitiation complex when protein synthesis begins. Two highly homologous forms of functional EIF4A genes, Eif4a1 and Eif4a2, have been isolated in mice; yeast cells also possess 2 EIF4A genes, TIF1 and TIF2. The murine Eif4a and yeast TIF genes appear to belong to a DEAD-box gene family, whose members exhibit extensive amino acid similarity and contain the asp-glu-ala-asp (DEAD) sequence. DEAD-box genes have been identified in species ranging from E-coli to humans. Their function appears to be related to transcriptional/translational regulation (referenced from OMIM).

NCBI AND UNIPROT INFORMATION

NCBI GI #	83700235
NCBI GeneID	1974
NCBI Accession #	NP_001958.2
NCBI GenBank Nucleotide #	NM_001967.3
UniProt Accession #	Q14240; Q53XJ6; Q96B90; Q96EA8; D3DNU9
Molecular Weight	46,489 Da
NCBI Official Full Name	eukaryotic initiation factor 4A-II
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4A2
NCBI Official Symbol	EIF4A2
NCBI Official Synonym Symbols	DDX2B; EIF4A; EIF4F; BM-010; eIF4A-II; eIF-4A-II
NCBI Protein Information	eukaryotic initiation factor 4A-II
UniProt Protein Name	Eukaryotic initiation factor 4A-II
UniProt Gene Name	EIF4A2
UniProt Synonym Gene Names	DDX2B; EIF4F; eIF-4A-II; eIF4A-II
UniProt Entry Name	IF4A2_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/eukaryotic-initiation-factor-4a-ii-antibody-immunohistochemistry-western-blot-elisa/81403>