

Rabbit anti-Human, Mouse eIF4AIII/EIF4A3 Polyclonal Antibody | anti-eIF4AIII/EIF4A3 antibody

Rabbit anti-eIF4AIII/EIF4A3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212090	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation

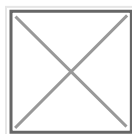
PRODUCT SYNONYMS

eIF4AIII/EIF4A3; Polyclonal Antibody; Rabbit anti-eIF4AIII/EIF4A3 Antibody; Affinity Purified; NMP 265; RCPS; NUK34; NMP265; MUK34; hNMP 265; Fal1; Eukaryotic translation initiation factor 4A isoform 3; eukaryotic translation initiation factor 4A; eukaryotic initiation factor 4A-III; eIF4A-III; eIF4AIII; DEAD box protein 48; ATP-dependent RNA helicase DDX48; DEAD (Asp-Glu-Ala-Asp) box polypeptide 48; nuclear matrix protein 265; DDX48; ATP-dependent RNA helicase eIF4A-3; eukaryotic initiation factor 4A-like NUK-34; Eukaryotic initiation factor 4A-III; eukaryotic translation initiation factor 4A3; anti-eIF4AIII/EIF4A3 antibody

PRODUCT SPECIFICATIONS

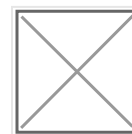
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-eIF4AIII/EIF4A3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Rat, Bovine, Pig
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



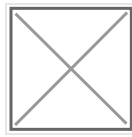
IP (Immunoprecipitation)

Detection of human eIF4AIII/EIF4A3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-eIF4AIII/EIF4A3 antibody AAA212090 used for IP at 6 ug/mg lysate. eIF4AIII/EIF4A3 was also immunoprecipitated by rabbit anti-eIF4AIII/EIF4A3 antibody which recognizes a downstream epitope. For blotting immunoprecipitated eIF4AIII/EIF4A3, was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of mouse eIF4AIII/EIF4A3 by immunohistochemistry. Sample: FFPE section of mouse renal carcinoma. Antibody: Affinity purified rabbit anti-eIF4AIII/EIF4A3 (Cat. No. AAA212090 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of human eIF4AIII/EIF4A3 by immunohistochemistry. Samples: FFPE serial sections of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-eIF4AIII/EIF4A3 (Cat. No. AAA212090 Lot1 left panel and Cat. No. Lot1 right panel) used at a dilution of 1:5,000 (0.2ug/ml) and 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-eIF4AIII/EIF4A3 antibody	Eukaryotic initiation factor 4A-III is a member of the DEAD box family of proteins that possesses several conserved motifs which include the highly conserved DEAD (Asp-Glu-Ala-Asp) amino acid sequence motif. The major activity of DEAD box proteins is to function as ATP-dependent RNA helicases. eIF4AIII is an ATP-dependent helicase and a component of a splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs.
Product Categories/Family for anti-eIF4AIII/EIF4A3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	288915541
NCBI GeneID	9775
NCBI Accession #	NP_055555.1
NCBI GenBank Nucleotide #	NM_014740
UniProt Accession #	P38919 ; Q15033 ; Q6IBQ2 ; Q96A18
Molecular Weight	46,871 Da
NCBI Official Full Name	Homo sapiens eukaryotic translation initiation factor 4A3 (EIF4A3), mRNA
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4A3
NCBI Official Symbol	EIF4A3
NCBI Official Synonym Symbols	RCPS; DDX48; MUK34; NUK34; NMP265; eIF4AIII
NCBI Protein Information	eukaryotic initiation factor 4A-III; ATP-dependent RNA helicase DDX48; ATP-dependent RNA helicase eIF4A-3; DEAD (Asp-Glu-Ala-Asp) box polypeptide 48; DEAD box protein 48; NMP 265; eIF-4A-III; eIF4A-III; eukaryotic initiation factor 4A-like NUK-34; eukaryo
UniProt Protein Name	Eukaryotic initiation factor 4A-III
UniProt Gene Name	EIF4A3
UniProt Synonym Gene Names	DDX48; KIAA0111; eIF-4A-III; eIF4A-III; NMP 265; hNMP 265
UniProt Entry Name	IF4A3_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/eif4aiii-eif4a3-antibody-immunohistochemistry-immunoprecipitation-elisa/212090>