

Rabbit EIF4A1 Polyclonal Antibody | anti-EIF4A1 antibody

Anti-EIF4A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19205	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

EIF4A1; Polyclonal Antibody; Anti-EIF4A1 Antibody; Eukaryotic initiation factor 4A-I; eIF-4A-I; eIF4A-I; ATP-dependent RNA helicase eIF4A-1; DDX2A; EIF4A; anti-EIF4A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	406
Applicable Applications for anti-EIF4A1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Application Notes	WB: 0.1-0.25ug/ml (Human, Mouse, Rat) IHC-P (Embedded Section): 0.5-1ug/ml (Human, Mouse) ICC: 2ug/ml (Human) IF: 2ug/ml (Human) FC/FACS: 1-3ug/1x106 cells (Human) Tested Species: In-house tested species with positive results.
Immunogen	A synthetic peptide corresponding to a sequence of human EIF4A1 (LQQIELDLKATQALVLA).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

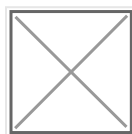
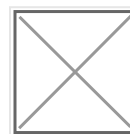
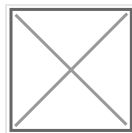

WB (Western Blot)

Figure 1. Western blot analysis of EIF4A1 using anti-EIF4A1 antibody.

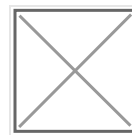

IHC (Immunohistochemistry)



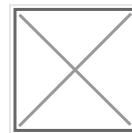
IHC (Immunohistochemistry)



IF (Immunofluorescence)



IHC (Immunohistochemistry)



FCM (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4A1 antibody	Description: Rabbit IgG polyclonal antibody for EIF4A1 detection. Tested with WB, IHC-P, ICC/IF, FCM in Human; Mouse; Rat. Background: Eukaryotic initiation factor 4A-I is a protein that in humans is encoded by the EIF4A1 gene. It is mapped to 17p13.1. EIF4A1 has been shown to interact with EIF4E and eukaryotic translation initiation factor 4 gamma.
References	1. Garcia-Garcia, C., Frieda, K. L., Feoktistova, K., Fraser, C. S., Block, S. M. Factor-dependent processivity in human eIF4A DEAD-box helicase. Science 348: 1486-1488, 2015. 2. Jones, E., Quinn, C. M., See, C. G., Montgomery, D. S., Ford, M. J., Kolble, K., Gordon, S., Greaves, D. R. The linked human elongation initiation factor 4A1 (EIF4A1) and CD68 genes map to chromosome 17p13. Genomics 53: 248-250, 1998. 3. Kim, N.-S., Kato, T., Abe, N., Kato, S. Nucleotide sequence of human cDNA encoding eukaryotic initiation factor 4A1. Nucleic Acids Res. 21: 2012 only, 1993.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503529
NCBI GeneID	1973
NCBI Accession #	NP_001407
NCBI GenBank Nucleotide #	NP_001407.1
UniProt Accession #	P60842
NCBI Official Full Name	eukaryotic initiation factor 4A-I isoform 1
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/eif4a1-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-flow-cytometry-elisa/19205>