

Rabbit anti-Human eIF2A Polyclonal Antibody | anti-eIF2A antibody

Rabbit anti-eIF2A Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211692	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

eIF2A; Polyclonal Antibody; Rabbit anti-eIF2A Antibody; Affinity Purified; eukaryotic translation initiation factor 2A; 65kDa; MSTP089; MSTP004; 65 kDa eukaryotic translation initiation factor 2A; EIF-2A; CDA02; MST089; Eukaryotic translation initiation factor 2A; anti-eIF2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-eIF2A antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 535 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



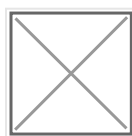
WB (Western Blot)

Detection of human eIF2A by western blot. Samples: Whole cell lysate (5, 15, and 50 ug) from HeLa cells. Antibody: Affinity purified rabbit anti-eIF2A antibody AAA211692 (lot AAA211692-1) used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human eIF2A 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-eIF2A antibody AAA211692 (lot AAA211692-1) used for IP at 3 ug/mg lysate. eIF2A was also immunoprecipitated by rabbit anti-eIF2A antibody which recognizes an upstream epitope. For blotting immunoprecipitated eIF2A, AAA211692 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human eIF2A by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-eIF2A (Cat. No. AAA211692 lot 1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-eIF2A antibody	Eukaryotic initiation factor 2A (eIF2A) directs binding of the initiator methionyl-tRNA [Met-tRNA(i)] to 40 S ribosomal subunits in a codon dependent manner. It is a 65 kDa protein that was originally believed to be the functional homolog of prokaryotic IF2. eIF2A displays functional qualities similar to eIF2 which exists as complex of 3 subunits (eIF2-alpha, beta, and gamma); however comparison of eIF2A and eIF2 has shown that these two initiation factors also display distinct functional abilities.
Product Categories/Family for anti-eIF2A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	54873624
NCBI GeneID	83939
NCBI Accession #	NP_114414.2
NCBI GenBank Nucleotide #	NM_032025.3
UniProt Accession #	Q9BY44; Q5QTR2; Q7Z4E9; Q8NFM1; Q96EW9; Q96K81; A8MPS6; D3DNI9
Molecular Weight	64,990 Da
NCBI Official Full Name	eukaryotic translation initiation factor 2A
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2A, 65kDa
NCBI Official Symbol	EIF2A
NCBI Official Synonym Symbols	CDA02; EIF-2A; MST089; MSTP004; MSTP089
NCBI Protein Information	eukaryotic translation initiation factor 2A; 65 kDa eukaryotic translation initiation factor 2A
UniProt Protein Name	Eukaryotic translation initiation factor 2A
UniProt Gene Name	EIF2A
UniProt Synonym Gene Names	eIF-2A
UniProt Entry Name	EIF2A_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/eif2a-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211692>