

Rabbit anti-Human, Mouse eIF2alpha/EIF2S1 Polyclonal Antibody | anti-eIF2alpha/EIF2S1 antibody

Rabbit anti-eIF2alpha/EIF2S1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211108	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

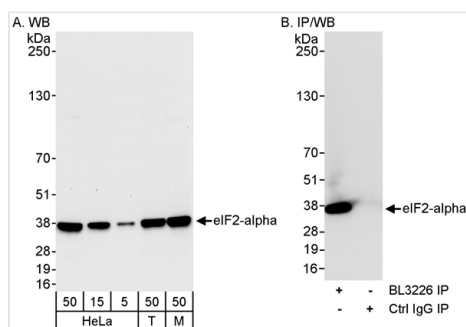
PRODUCT SYNONYMS

eIF2alpha/EIF2S1; Polyclonal Antibody; Rabbit anti-eIF2alpha/EIF2S1 Antibody; Affinity Purified; eukaryotic translation initiation factor 2 subunit 1; EIF-2A; eukaryotic translation initiation factor 2; subunit 1 alpha; 35kDa; Eukaryotic translation initiation factor 2 subunit alpha; EIF2; eIF-2-alpha; EIF2A; EIF-2; EIF-2alpha; Eukaryotic translation initiation factor 2 subunit 1; eukaryotic translation initiation factor 2 subunit alpha; anti-eIF2alpha/EIF2S1 antibody

PRODUCT SPECIFICATIONS

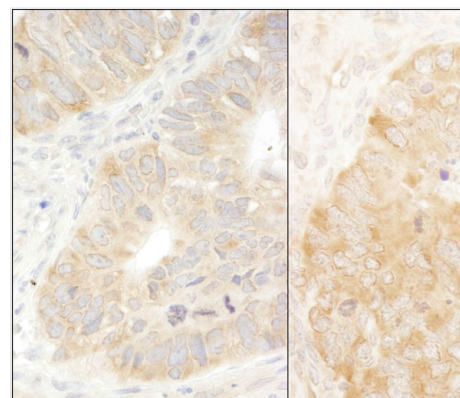
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-eIF2alpha/EIF2S1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Orangutan
Immunogen	Between 265 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 and mouse eIF2alpha/EIF2S1 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-eIF2alpha/EIF2S1 antibody BL3226 (Cat. No. AAA211108) used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate (B). Detection: Chemiluminescence with exposure times of 30 seconds (A and B).



IHC (Immunohistochemistry)

Detection of human and mouse eIF2alpha/EIF2S1 by immunohistochemistry. Sample: FFPE section of human colon carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-eIF2alpha/EIF2S1 (Cat. No. AAA211108 Lot1) used at a dilution of 1:1,000 (0.2ug/ml) and 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-eIF2alpha/EIF2S1 antibody	eIF-2alpha is the alpha subunit of the eukaryotic initiation factor 2. The EIF2 forms a ternary complex with GTP and initiator Met-tRNAi and is responsible for the binding of initiator Met-tRNAi and mRNA to 40S ribosomes for protein synthesis.
Product Categories/Family for anti-eIF2alpha/EIF2S1 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 #	P05198; Q5QTR2; Q7Z4E9; Q8NFM1; Q96EW9; Q96K81; A8MPS6; D3DNI9; Q9BY44
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 2 subunit 1
UniProt Gene Name	EIF2S1
UniProt Synonym Gene Names	EIF2A; eIF-2-alpha; eIF-2A; eIF-2alpha
UniProt Entry Name	IF2A_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/eif2alpha-eif2s1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211108>