

Rabbit anti-Human, Mouse eIF2beta/EIF2S2 Polyclonal Antibody | anti-eIF2beta/EIF2S2 antibody

Rabbit anti-eIF2beta/EIF2S2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211613	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

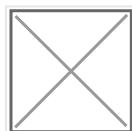
PRODUCT SYNONYMS

eIF2beta/EIF2S2; Polyclonal Antibody; Rabbit anti-eIF2beta/EIF2S2 Antibody; Affinity Purified; Eukaryotic translation initiation factor 2 subunit beta; PPP1R67; protein phosphatase 1; regulatory subunit 67; eukaryotic translation initiation factor 2; subunit 2 beta; 38kDa; eukaryotic translation initiation factor 2 subunit 2; eIF-2-beta; EIF2beta; EIF2; EIF2B; Eukaryotic translation initiation factor 2 subunit 2; eukaryotic translation initiation factor 2 subunit beta; anti-eIF2beta/EIF2S2 antibody

PRODUCT SPECIFICATIONS

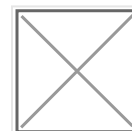
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-eIF2beta/EIF2S2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rabbit, Orangutan
Immunogen	Between 283 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 eIF2beta/EIF2S2 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-eIF2beta/EIF2S2 antibody AAA211613 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. eIF2beta/EIF2S2 was immunoprecipitated less efficiently by rabbit anti-eIF2beta/EIF2S2 antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A and B).



IHC (Immunohistochemistry)

Detection of human eIF2beta/EIF2S2 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-eIF2beta/EIF2S2 (Cat. No. AAA211613) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-eIF2beta/EIF2S2 antibody	Eukaryotic initiation factor 2 beta (eIF2beta) is the beta subunit of eukaryotic translation initiation factor 2 (eIF-2). eIF-2 forms a ternary complex with the 40S ribosomal subunit, GTP, and initiator tRNA to function in the early steps of translation. The eIF-2 beta subunit catalyzes the exchange of GDP for GTP so that EIF-2 can function in another round of initiation.
Product Categories/Family for anti-eIF2beta/EIF2S2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	29826335
NCBI GeneID	8894
NCBI Accession #	NP_003899.2
NCBI GenBank Nucleotide #	NM_003908.3
UniProt Accession #	P20042; Q9BVU0; Q9UJE4
Molecular Weight	38,388 Da
NCBI Official Full Name	eukaryotic translation initiation factor 2 subunit 2
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa
NCBI Official Symbol	EIF2S2
NCBI Official Synonym Symbols	EIF2; EIF2B; PPP1R67; EIF2beta; eIF-2-beta
NCBI Protein Information	eukaryotic translation initiation factor 2 subunit 2; protein phosphatase 1, regulatory subunit 67; eukaryotic translation initiation factor 2 subunit beta
UniProt Protein Name	Eukaryotic translation initiation factor 2 subunit 2
UniProt Gene Name	EIF2S2
UniProt Synonym Gene Names	EIF2B; eIF-2-beta
UniProt Entry Name	IF2B_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/eif2beta-eif2s2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211613>