

Rabbit anti-Human, Mouse eEF2 Kinase Polyclonal Antibody | anti-eEF2Kinase antibody

Rabbit anti-eEF2 Kinase Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211589	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

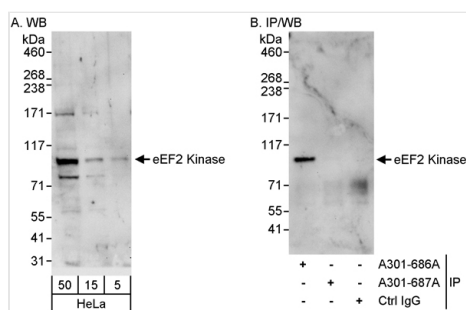
PRODUCT SYNONYMS

eEF2 Kinase; Polyclonal Antibody; Rabbit anti-eEF2 Kinase Antibody; Affinity Purified; eEF-2K; HSU93850; eukaryotic elongation factor 2 kinase; eukaryotic elongation factor 2 kinase; eEF-2 kinase; CaMKIII; calmodulin-dependent protein kinase III; calcium/calmodulin-dependent eukaryotic elongation factor-2 kinase; Calcium/calmodulin-dependent eukaryotic elongation factor 2 kinase; alternative protein EEF2K; elongation factor-2 kinase; Eukaryotic elongation factor 2 kinase; anti-eEF2Kinase antibody

PRODUCT SPECIFICATIONS

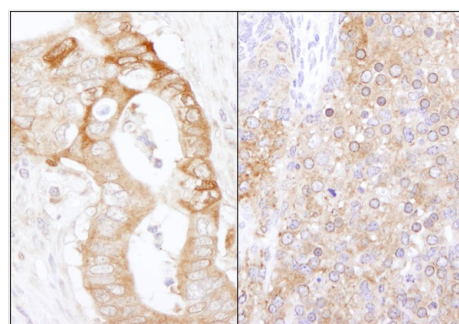
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-eEF2Kinase antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 675 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 eEF2 Kinase by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-eEF2 Kinase antibody AAA211589 used for WB at 0.4 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. eEF2 Kinase was successfully immunoprecipitated by rabbit anti-eEF2 Kinase antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



IHC (Immunohistochemistry)

Detection of human and mouse eEF2 Kinase by immunohistochemistry. Sample: FFPE section of human stomach carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-eEF2 Kinase (Cat. No. AAA211589) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-eEF2Kinase antibody	Eukaryotic elongation factor-2 kinase (eEF2 kinase) is a calcium- and calmodulin-dependent kinase that phosphorylates eukaryotic elongation factor 2 (eEF2), a non-ribosomal factor that mediates ribosomal translocation. eEF2 is regulated by MAP kinase signaling and the mTOR signaling pathway. eEF2 is phosphorylated in response to stimuli that increases energy demand or reduces its supply. Phosphorylation inhibits eEF2 activity to conserve energy.
Product Categories/Family for anti-eEF2Kinase antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	29904
UniProt Accession #	O00418
UniProt Protein Name	Eukaryotic elongation factor 2 kinase
UniProt Gene Name	EEF2K
UniProt Synonym Gene Names	eEF-2 kinase; eEF-2K
UniProt Entry Name	EF2K_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://www.aaabiotech.com/polyclonal/eef2-kinase-antibody-immunohistochemistry-western-blot-elisa/211589>