

Rabbit EEF2K Polyclonal Antibody | anti-EEF2K antibody

EEF2K Antibody

CATALOG #	HOST	APPLICATIONS
AAA225540	Rabbit	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

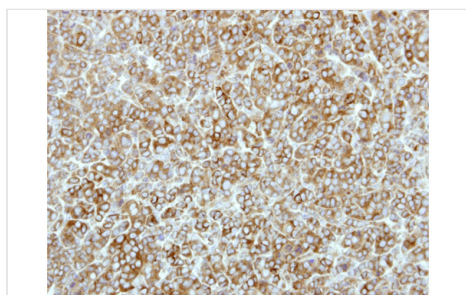
PRODUCT SYNONYMS

EEF2K; Polyclonal Antibody; EEF2K Antibody; Affinity Purified Rabbit Polyclonal EEF2K Antibody; Polyclonal EEF2K antibody; Anti-EEF2K antibody; eukaryotic elongation factor 2 kinase antibody; EEFK 2 antibody; HSU93850 antibody; EEF2K antibody; calmodulin-dependent protein kinase III antibody; eEF-2 kinase antibody; calcium/calmodulin-dependent eukaryotic elongation factor 2 kinase antibody; MGC45041 antibody; EEFK 2; EEFK-2 antibody; EEFK-2; eEF-2K antibody; anti-EEF2K antibody

PRODUCT SPECIFICATIONS

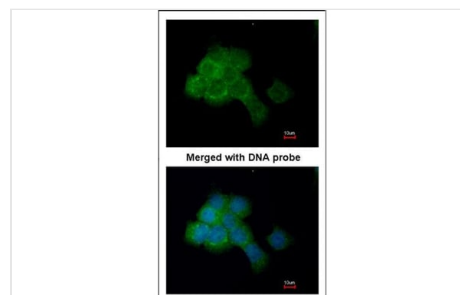
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	725
Applicable Applications for anti-EEF2K antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



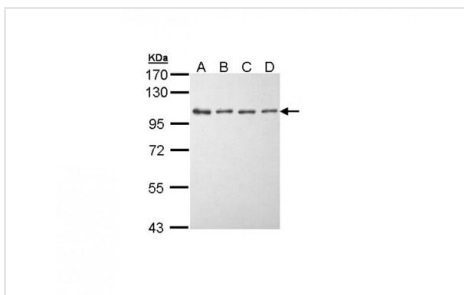
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded BT483 xenograft using EEF2K antibody at a dilution of 1:500



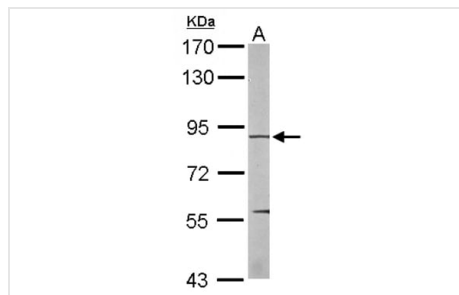
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed A431, using EEF2K antibody at 1:200 dilution.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: A431; B: H1299; C: HeLa; D: Hep G2) using a 7.5% SDS PAGE gel and EEf2K antibody at a dilution of 1:5000



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: mouse liver) using a 7.5% SDS PAGE gel and EEf2K antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-EEF2K antibody	This gene encodes a highly conserved protein kinase in the calmodulin-mediated signaling pathway that links activation of cell surface receptors to cell division. This kinase is involved in the regulation of protein synthesis. It phosphorylates eukaryotic elongation factor 2 and thus inhibits the EEF2 function. The activity of this kinase is increased in many cancers and may be a valid target for anti-cancer treatment.
Product Categories/Family for anti-EEF2K antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	9558749
NCBI GeneID	29904
NCBI GenBank Nucleotide #	NP_037434.1
UniProt Accession #	O00418
Molecular Weight	82 kDa
NCBI Official Full Name	eukaryotic elongation factor 2 kinase
NCBI Official Synonym Full Names	eukaryotic elongation factor 2 kinase
NCBI Official Symbol	EEF2K
NCBI Official Synonym Symbols	eEF-2K; CaMKIII; HSU93850
NCBI Protein Information	eukaryotic elongation factor 2 kinase
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/eeef2k-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225540>