

eEF2K Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP02842

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human eEF2K. AA range:331-380

Mol wt 82172

Species reactivity Human, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name eEF2K Antibody

Synonyms EEF2K; Eukaryotic elongation factor 2 kinase; eEF-2 kinase; eEF-2K; Calcium/calmodulin-dependent

eukaryotic elongation factor 2 kinase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

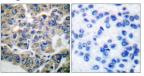
EEF2K encodes a highly conserved protein kinase (eukaryotic elongation factor 2 kinase) in the calmodulin-mediated signaling pathway that links activation of cell surface receptors to cell division. This kinase is involved in the regulation of protein synthesis. It phosphorylates eukaryotic elongation factor 2 (EEF2) and thus inhibits the EEF2 function. The activity of eukaryotic elongation factor 2 kinase is increased in many cancers and may be a valid target for anti-cancer treatment.

Recommended Dilution

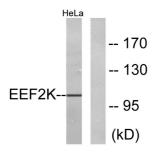
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 20000

Not yet tested in other applications.

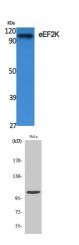
Images



 $Immun ohistochemistry\ analysis\ of\ paraffin-embedded\ human\ breast\ carcinoma\ tissue,\ using\ eEF2K$ Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, treated with serum 10% 15', using eEF2K Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using eEF2K Polyclonal Antibody diluted at 1:500

Western Blot analysis of HeLa cells using eEF2K Polyclonal Antibody diluted at 1:500

Storage

-20°C for one year

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