

EEF2K

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 82kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human EEF2K

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

q

Synonym:

eEF-2K; HSU93850;

Catalog #: A5404

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 29904

Isotype: IgG

Swiss Prot: O00418

Purity: Affinity purification

For research use only.

Background:

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 (EEF2) 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.

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