

## 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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