

Product Name: EEF2K Rabbit Monoclonal Antibody**Catalog #: AMRe87828**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:2000-1:20000
Molecular Weight	Calculated MW:82 kDa; Observed MW:105 kDa

Antigen Information

Gene Name	EEF2K
Alternative Names	eEF-2K; CaMKIII; HSU93850
Gene ID	29904
SwissProt ID	O00418
Immunogen	A synthetic peptide of human EEF2K

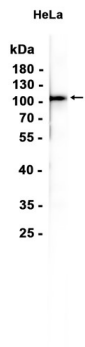
Background

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. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot analysis of extracts from HeLa cells using EEF2K Rabbit Monoclonal Antibody at 1:1000.