

Phospho-EEF2K (Ser366) Polyclonal Antibody

Catalog No. E-AB-21142

Note: Centrifuge before opening to ensure complete recovery of vial contents.

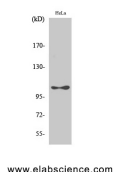
Description

Reactivity	Human,Rat
Immunogen	Synthesized peptide derived from human eEF2K around the phosphorylation site of Ser366
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

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

Data



Western Blot analysis of HeLa cells with Phospho-eEF2K (Ser366) Polyclonal Antibody at dilution of 1:1000

Observed Mw:105kDa
Calculated Mw:82kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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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