Leader in Biomolecular Solutions for Life Science

Phospho-EEF2K-S366 Rabbit pAb

Catalog No.: AP0845

2 Publications

www.abclonal.com

Basic Information

Observed MW
110kDa

Calculated MW
82kDa

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross Reactivity
Human, Mouse, Rat

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.

Recommended Dilutions

WB	1:500 - 1:2000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
29904

Swiss-Prot
O00418

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
eEF-2K; CaMKIII; HSU93850; Phospho-EEF2K-S366

Contact

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Product Information

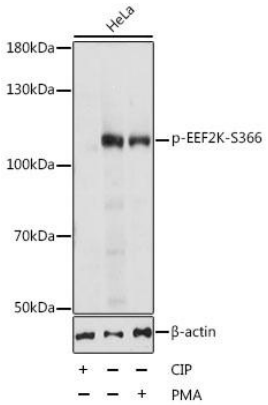
Source
Rabbit

Isotype
IgG

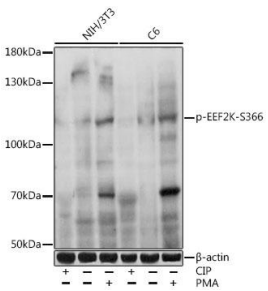
Purity
Affinity purification

Storage
Store at -20℃
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

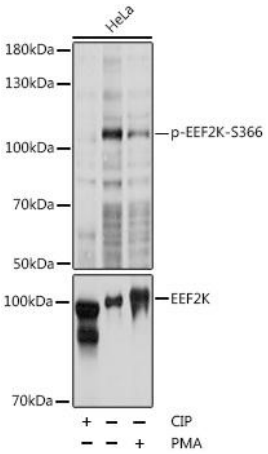
Validation Data



Western blot analysis of lysates from HeLa cells using Phospho-EEF2K-S366 Rabbit pAb (AP0845) at 1:1000 dilution incubated overnight at 4℃. Hela cell lysate were treated with CIP (20ul CIP for each 400ul cell lysate) at 37℃ for 1 hour or treated with PMA/TPA (200nM) for 15 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 15 s.



Western blot analysis of various lysates using Phospho-EEF2K-S366 Rabbit pAb (AP0845) at 1:1000 dilution incubated overnight at 4℃. NIH/3T3 and C6 cells were treated with CIP(20uL/400ul) at 37℃ for 1 hour or PMA/TPA (200 nM) at 37℃ for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30 s.



Western blot analysis of lysates from HeLa cells using Phospho-EEF2K-S366 Rabbit pAb (AP0845) at 1:1000 dilution incubated overnight at 4℃. HeLa cell lysate were treated with CIP (20ul CIP for each 400ul cell lysate) at 37℃ for 1 hour or treated with PMA/TPA (200nM) for 15 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 15 s.

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Please visit http://abclonal.com for a complete listing of recommended products.