

eEF2K(Phospho Ser359) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08736
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human eEF2K around the phosphorylation site of Ser359. AA range:336-385
Mol wt	82172
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Eukaryotic elongation factor 2 kinase
Synonyms	Eukaryotic elongation factor 2 kinase; EEF2K; Eukaryotic elongation factor 2 kinase; eEF-2 kinase; eEF-2K; Calcium/calmodulin-dependent eukaryotic elongation factor 2 kinase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 Dilution

IHC-p: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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