

Anti-Phospho-eEF2k (Ser366) Antibody

Catalog Number: M02277

About EE2K

Threonine kinase that regulates protein synthesis by controlling the rate of peptide chain elongation. Upon activation by a variety of upstream kinases including AMPK or TRPM7, phosphorylates the elongation factor EE2K at a single site, renders it unable to bind ribosomes and thus inactive. In turn, the rate of protein synthesis is reduced.

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Overview

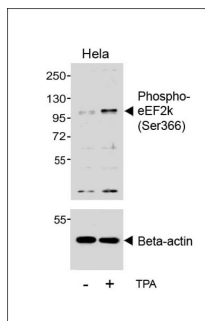
Product Name	Anti-Phospho-eEF2k (Ser366) Antibody
Reactive Species	Human
Description	Boster Bio Anti-Phospho-eEF2k (Ser366) Antibody (Catalog # M02277). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O00418

Technical Details

Immunogen	This Phospho-eEF2k (Ser366) antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 337-371 amino acids from the human region of human EE2K.
Predicted Reactive Species	Human
Isotype	Rabbit IgG

Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:500

Anti-Phospho-eEF2k (Ser366) Antibody (M02277) Images



Western blot analysis of lysates from HeLa cell line, untreated or treated with TPA, 200nM, using (upper) or Beta-actin (lower).

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