

KD-Validated Anti-EEF2K Rabbit Polyclonal Antibody

Rabbit polyclonal antibody

Catalog # AGI1776

Product Information

Application	WB
Primary Accession	O00418
Reactivity	Rat, Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	82144
Gene Name	EEF2K
Aliases	EEF2K; Eukaryotic Elongation Factor 2 Kinase; EEF-2K; CaMKIII; EEF-2 Kinase; EC 2.7.11.20; Calcium/Calmodulin-Dependent Eukaryotic Elongation Factor-2 Kinase; Calcium/Calmodulin-Dependent Eukaryotic Elongation Factor 2 Kinase; Calmodulin-Dependent Protein Kinase III; Eukaryotic Elongation Factor 2 Kinase; Elongation Factor-2 Kinase; Alternative Protein EEF2K; EC 2.7.11; HSU93850
Immunogen	A synthesized peptide derived from human EEF2K

Additional Information

Gene ID	29904
Other Names	Eukaryotic elongation factor 2 kinase, eEF-2 kinase, eEF-2K, 2.7.11.20, Calcium/calmodulin-dependent eukaryotic elongation factor 2 kinase, EEF2K

Protein Information

Name	EEF2K
Function	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 EEF2 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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