

Datasheet for ABIN7152104
anti-EEF2K antibody (AA 201-500) (HRP)



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Overview

Quantity:	100 µg
Target:	EEF2K
Binding Specificity:	AA 201-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EEF2K antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Eukaryotic elongation factor 2 kinase protein (201-500AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	EEF2K
Alternative Name:	EEF2K (EEF2K Products)
Background:	Background: 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,

Target Details

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.

Aliases: C86191 antibody, Calcium/calmodulin dependent eukaryotic elongation factor 2 antibody, Calcium/calmodulin dependent eukaryotic elongation factor 2 kinase antibody, Calcium/calmodulin-dependent eukaryotic elongation factor 2 kinase antibody, Calmodulin dependent protein kinase III antibody, cb365 antibody, EC 2.7.11.20 antibody, eEF 2 kinase antibody, eEF 2K antibody, eEF-2 kinase antibody, eEF-2K antibody, Eef2k antibody, EEF2K protein antibody, EF2K_HUMAN antibody, Elongation factor 2 kinase antibody, Eukaryotic elongation factor 2 kinase antibody, fa04b08 antibody, HSU93850 antibody, kinase eEF2K antibody, MGC45041 antibody, SMEF2K antibody, wu:fa04b08 antibody, zgc:100973 antibody

UniProt: [O00418](#)

Pathways: [AMPK Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.