Datasheet for ABIN1387392

anti-EIF3K antibody (AA 121-218)

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Overview

Quantity:	100 µL
Target:	EIF3K
Binding Specificity:	AA 121-218
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3K antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human eIF3K
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	EIF3K
Alternative Name:	e3K (EIF3K Products)

Target Details

Background:	Synonyms: ARG134, e 3 p25, e 3 p28, e-3 p25, e-3 p28, E3-p28, e3k, e3k, E3K_HUMAN, E3S12, Eukaryotic translation initiation factor 3 subunit 12, Eukaryotic translation initiation factor 3 subunit K, HSPC029, M9, MSTP001, Muscle specic gene M9 protein, Muscle-specic gene M9 protein, PLAC 24, PLAC-24, PLAC24, PRO1474, PTD001, E3K_HUMAN. Background: eIF3K (Eukaryotic translation initiation factor 3 subunit K, Muscle-specific gene M9 protein) is a widely expressed translation initiation factor that belongs to the eIF3 subunit K family. Translation initiation factor 3 (eIF3) is a multisubunit complex containing at least 12 subunits. eIF3 binds to the 40S ribosomal subunit, promotes the binding of methionyl-tRNAi and mRNA, and interacts with several other initiation factors to form the 40S initiation complex. eIF3K is the smallest subunit of eIF3 and it interacts with several other subunits of eIF3 and the 40S ribosomal subunit. eIF3K is conserved among high eukaryotes, including mammals, insects, and plants, and it is ubiquitously expressed in human tissues. eIF3K is distributed both in nucleus and cytoplasm and colocalizes with cyclin D3, a regulatory subunit of cyclin-dependent kinase 4 (Cdk4).
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months