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Datasheet for ABIN7267023 anti-EEF1E1 antibody (AA 1-100)

2 Images



Overview

Quantity:	100 µL
Target:	EEF1E1
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EEF1E1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

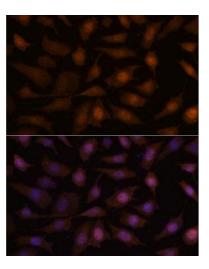
Purpose:	EEF1E1 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human EEF1E1 (NP_004271.1).
Sequence:	MAAAAELSLL EKSLGLSKGN KYSAQGERQI PVLQTNNGPS LTGLTTIAAH LVKQANKEYL LGSTAEEKAI VQQWLEYRVT QVDGHSSKND IHTLLKDLNS
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

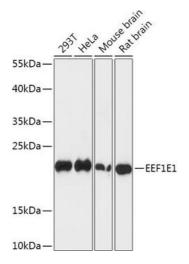
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Target Details

Target:	EEF1E1
Alternative Name:	EEF1E1 (EEF1E1 Products)
Background:	This gene encodes a multifunctional protein that localizes to both the cytoplasm and nucleus.
	In the cytoplasm, the encoded protein is an auxiliary component of the macromolecular
	aminoacyl-tRNA synthase complex. However, its mouse homolog has been shown to
	translocate to the nucleus in response to DNA damage, and it plays a positive role in ATM/ATR
	mediated p53 activation. Alternative splicing results in multiple transcript variants. Read-
	through transcription also exists between this gene and the neighboring downstream MUTED
	(muted homolog) gene. An EEF1E1-related pseudogene has been identified on chromosome
	2.,EEF1E1,AIMP3,P18,Kinase,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,EEF1E
Molecular Weight:	15kDa/19kDa
Gene ID:	9521
UniProt:	043324
Pathways:	Positive Regulation of Response to DNA Damage Stimulus
Application Details	
Application Notes:	WB,1:200 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	

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Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using EEF1E1 antibody (ABIN7267023) at dilution of 1:100. Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using EEF1E1 antibody (ABIN7267023) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

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