

Datasheet for ABIN5689452
anti-EIF4E antibody (AA 207-211)



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Overview

Quantity:	0.1 mg
Target:	EIF4E
Binding Specificity:	AA 207-211
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4E antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	eIF4E (Ab-209) antibody was raised against a peptide sequence around aa. 207~211 (S-G-S-T-T) derived from Human eIF4E.
Specificity:	This antibody detects endogenous level of total eIF4E protein.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	EIF4E
Alternative Name:	eIF4E (EIF4E Products)
Background:	Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structures.

Target Details

Molecular Weight:	25 kDa
Gene ID:	1977
NCBI Accession:	NP_001124150
UniProt:	P06730
Pathways:	BCR Signaling

Application Details

Application Notes:	Western Blot: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Antibody supplied in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Store antibody at -20°C for up to one year.