

Datasheet for ABIN221234

anti-eIF4EBP1 antibody (pThr37, Thr46)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	eIF4EBP1 (EIF4EBP1)
Binding Specificity:	pThr37, Thr46
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This eIF4EBP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic phosphopeptide (KLH coupled) corresponding to residues surrounding Thr37 of mouse 4E-BP1 and Thr46 of mouse 4E-BP1. Type of Immunogen: Synthetic phospho-peptide
Isotype:	IgG
Specificity:	Detects endogenous levels of 4E-BP1 only when phosphorylated at Thr37 and/or Thr46. This antibody may cross-react with 4E-BP2 and 4E-BP3 when phosphorylated at equivalent sites.
Purification:	Immunoaffinity purified

Target Details

Target:	eIF4EBP1 (EIF4EBP1)
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Target Details

Alternative Name:	EIF4EBP1 / 4EBP1 (EIF4EBP1 Products)
Background:	Name/Gene ID: EIF4EBP1 Synonyms: EIF4EBP1, 4E-BP1, 4EBP1, BP-1, PHAS-I, EIF4E-binding protein 1
Gene ID:	1978
UniProt:	Q13541
Pathways:	MAPK Signaling , PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , Regulation of Cell Size , BCR Signaling

Application Details

Application Notes:	Approved: WB (1:1000) Usage: Suitable for use in Western Blot. Western Blot: 1:1000.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	10 mM sodium HEPES, pH 7.5, 150 mM sodium chloride, BSA, 50 % glycerol.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.