

Datasheet for ABIN221236

anti-eIF4EBP1 antibody (pThr70)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	eIF4EBP1 (EIF4EBP1)
Binding Specificity:	pThr70
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This eIF4EBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic phosphopeptide derived from the sequence of mouse 4E-BP1. Type of Immunogen: Synthetic phospho-peptide
Isotype:	IgG
Specificity:	Detects endogenous levels of 4E-BP1 only when phosphorylated at Thr70. Does not detect 4E-BP1 phosphorylated at other sites. Species cross-Reactivity: human, mouse, rat.
Purification:	Protein A purified

Target Details

Target:	eIF4EBP1 (EIF4EBP1)
Alternative Name:	EIF4EBP1 / 4EBP1 (EIF4EBP1 Products)

Target Details

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: IP (1:50), WB (1:1000) Usage: Suitable for use in Western Blot, and Immunoprecipitation. Western Blot: 1:1000 (Incubate membrane with diluted antibody in 5 % BSA, 1X TBS, 0.1 % Tween-20 at 4°C with gentle shaking.). Immunoprecipitation: 1:50.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	10 mM HEPES, pH 7.5, 150 mM sodium chloride, 0.1 mg/mL BSA 50 % glycerol. No preservative added.
Preservative:	Without preservative
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.