

Datasheet for ABIN221233

anti-eIF4EBP1 antibody (pSer112)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	eIF4EBP1 (EIF4EBP1)
Binding Specificity:	pSer112
Reactivity:	Human, Mouse, Rat, Cow, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This eIF4EBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic peptide (KLH coupled) corresponding to residues surrounding Ser112 of human 4E-BP1. MW of Antigen: 15-20kD. Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Detects endogenous levels of total 4E-BP1 independent of phosphorylation. Species cross-reactivity: Human, mouse, rat and monkey.
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: IP (1:50), WB (1:1000) Usage: Suitable for use in Immunoprecipitation and Western Blot. Western Blot: 1:1000. Immunoprecipitation: 1:50.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	10 mM sodium HEPES, pH 7.5, 150 mM sodium chloride, 0.1 mg/mL 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.