

Datasheet for ABIN603974

anti-eIF4EBP1 antibody (Thr37, Thr46) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	eIF4EBP1 (EIF4EBP1)
Binding Specificity:	Thr37, Thr46
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This eIF4EBP1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	Synthetic phosphopeptide corresponding to residues surrounding Thr37 and Thr46 of mouse 4E-BP1(KLH-coupled).
	Type of Immunogen: Synthetic phospho-peptide
Isotype:	IgG
Specificity:	Recognizes endogenous levels of human 4E-BP1 only when phosphorylated at Thr37 and/or Thr46. This antibody may cross-react with 4E-BP2 and 4E-BP3 when phosphorylated at analogous sites. Species cross-reactivity: mouse, rat, monkey.

Target Details

Target:	eIF4EBP1 (EIF4EBP1)
---------	---------------------

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: Flo (1:400), WB (1:1000) Usage: Suitable for use in Western Blot and Flow Cytometry. Western Blot: 1:1000. Incubate membrane with diluted antibody in 5 % w/v BSA, 1X TBS, 0.1 %. Tween-20 at 4 °C with gentle shaking, overnight. Flow Cytometry: 1:400. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Human
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, 0.02 % sodium azide, 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:	4 °C, -20 °C
Storage Comment:	May be stored at 4°C for short-term only. For long-term storage, aliquot and store at -20°C. Aliquots are stable for at least 1 year at -20°C.