

Datasheet for ABIN2784742

anti-eIF4EBP1 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	eIF4EBP1 (EIF4EBP1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Zebrafish (Danio rerio), Rabbit, Guinea Pig, Horse, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This eIF4EBP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	ALGDGVQLPP GDYSTTPGGT LFSTTPGGTR IYDRKFLME CRNSPVAKTP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against Eif4ebp1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	eIF4EBP1 (EIF4EBP1)
Alternative Name:	Eif4ebp1 (EIF4EBP1 Products)
Background:	Eif4ebp1 regulates eIF4E activity by preventing its assembly into the eIF4F complex. It

Target Details

mediates the regulation of protein translation by hormones, growth factors and other stimuli that signal through the MAP kinase and mTORC1 pathways.

Alias Symbols: 4e-bp1, AA959816, PHAS-I

Protein Interaction Partner: RAD23B, Mapk1, Ubc, Eif4e,

Protein Size: 117

Molecular Weight:	12 kDa
Gene ID:	13685
NCBI Accession:	NM_007918 , NP_031944
UniProt:	Q60876
Pathways:	MAPK Signaling , PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , Regulation of Cell Size , BCR Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 117 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

