

Datasheet for ABIN7448395
anti-eIF4EBP1 antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	5 µg
Target:	eIF4EBP1 (EIF4EBP1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This eIF4EBP1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit anti-4EBP1 IHC Antibody, Affinity Purified
Immunogen:	Between AA 75 and C-term
Isotype:	IgG
Predicted Reactivity:	Rat,Rabbit,Pig,Orangutan,Monkey,Gorilla,Chimpanzee,Chinese hamster,Thirteen-lined ground squirrel,Crab-eating macaque
Purification:	Affinity Purified

Target Details

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

Target Details

Background:	Background: Eukaryotic translation initiation factor 4E-binding protein 1 (4EBP1) binds directly to eIF4E to inhibit complex assembly for translation initiation. 4EBP1 is part of a family of translation repressor proteins. 4EBP1 is directly phosphorylated by the mTORC1 complex during growth factor stimulation of cells. Phosphorylation of 4EBP1 causes its release from eIF4E to allow translation to proceed.
Gene ID:	1978
NCBI Accession:	NP_004086
UniProt:	Q13541
Pathways:	MAPK Signaling , PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , Regulation of Cell Size , BCR Signaling

Application Details

Application Notes:	1:100 - 1:500
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide
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
Expiry Date:	12 months