Datasheet for ABIN682965

anti-eIF4EBP1 antibody (pSer65) (Biotin)

Go to Product page

Overview

Quantity:	100 µL
Target:	eIF4EBP1 (EIF4EBP1)
Binding Specificity:	pSer65
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This eIF4EBP1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from mouse 4EBP1 around the phosphorylation site of Ser65
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	eIF4EBP1 (EIF4EBP1)

Copyright antibodies-online. All rights reserved.

Target Details

Alternative Name:	e4EBP1 (EIF4EBP1 Products)
Background:	Synonyms: 4e-bp1, PHAS-I, AA959816, Eukaryotic translation initiation factor 4E-binding protein 1, eIF4E-binding protein 1, Phosphorylated heat- and acid-stable protein regulated by insulin 1, Eif4ebp1 Background: Regulates eIF4E activity by preventing its assembly into the eIF4F complex: hypophosphorylated form competes with EIF4G1/EIF4G3 and strongly binds to EIF4E, leading to repress translation. Mediates the regulation of protein translation by hormones, growth factors and other stimuli that signal through the MAP kinase and mTORC1 pathways.
Gene ID:	13685
UniProt:	Q60876
Pathways:	MAPK Signaling, PI3K-Akt Signaling, RTK Signaling, AMPK Signaling, Regulation of Cell Size, BCR Signaling

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

Copyright antibodies-online. All rights reserved.