

Datasheet for ABIN7604737 **anti-eIF4EBP1 antibody**

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Overview

Quantity:	100 µL
Target:	eIF4EBP1 (EIF4EBP1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This eIF4EBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-eIF4EBP1/4Ebp1 Rabbit Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human eIF4EBP1
Clone:	IGG-5
Isotype:	IgG
Characteristics:	Anti-eIF4EBP1/4Ebp1 Rabbit Monoclonal Antibody (ABIN7604737). Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Purification:	Affinity-chromatography

Target Details

Target:	eIF4EBP1 (EIF4EBP1)
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Target Details

Alternative Name:	EIF4EBP1 (EIF4EBP1 Products)
Background:	Synonyms: Eukaryotic translation initiation factor 4E-binding protein 1,4E-BP1,eIF4E-binding protein 1,Phosphorylated heat- and acid-stable protein regulated by insulin 1,PHAS-I,EIF4EBP1, Tissue Specificity: Expressed in submandibular and sublingual saliva but not in parotid saliva (at protein level). Expressed in various body fluids, such as the cerebrospinal fluid and plasma. Expressed in highest levels in the epididymis, vas deferens, brain, thymus, and ovary and the lowest in the submandibular gland. .
Molecular Weight:	150 kDa
UniProt:	Q13541
Pathways:	MAPK Signaling , PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , Regulation of Cell Size , BCR Signaling

Application Details

Application Notes:	WB 1:1000-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
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:	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one

month. Avoid repeated freeze-thaw cycles.