

Datasheet for ABIN1881292
anti-eIF4EBP2 antibody (C-Term)[Go to Product page](#)

1 Image

3 Publications

Overview

Quantity:	400 µL
Target:	eIF4EBP2 (EIF4EBP2)
Binding Specificity:	AA 87-115, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This EIF4EBP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 87-115 amino acids from the C-terminal region of human EIF4EBP2.
Clone:	RB41859
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	eIF4EBP2 (EIF4EBP2)
Alternative Name:	EIF4EBP2 (EIF4EBP2 Products)
Background:	This gene encodes a member of the eukaryotic translation initiation factor 4E binding protein family. The gene products of this family bind eIF4E and inhibit translation initiation. However, insulin and other growth factors can release this inhibition via a phosphorylation-dependent

Target Details

disruption of their binding to eIF4E. Regulation of protein production through these gene products have been implicated in cell proliferation, cell differentiation and viral infection.

Molecular Weight: 12939

NCBI Accession: [NP_004087](#)

UniProt: [Q13542](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.

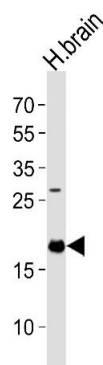
Storage: 4 °C, -20 °C

Expiry Date: 6 months

Publications

Product cited in: Zampagni, Cascella, Casamenti, Grossi, Evangelisti, Wright, Becatti, Liguri, Mannini, Campioni, Chiti, Cecchi: "A comparison of the biochemical modifications caused by toxic and non-toxic protein oligomers in cells." in: **Journal of cellular and molecular medicine**, Vol. 15, Issue 10, pp. 2106-16, (2011) ([PubMed](#)).

Liao, Lasbury, Wang, Zhang, Durant, Murakami, Matsufuji, Lee: "Pneumocystis mediates overexpression of antizyme inhibitor resulting in increased polyamine levels and apoptosis in alveolar macrophages." in: **The Journal of biological chemistry**, Vol. 284, Issue 12, pp. 8174-84, (2009) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of lysate from human brain tissue lysate, using EIF4EBP2 Antibody (C-term) (ABIN1881292 and ABIN2838888). (ABIN1881292 and ABIN2838888) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.