9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-EIF4EBP1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1015

Product Overview

Name	KD-Validated Anti-EIF4EBP1 Rabbit Monoclonal Antibody
Accession(Primary)	Q13541
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human eIF4EBP1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 13 kDa, observed, 18 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q13541)

Gene Name	EIF4EBP1
About Gene Symbol	EIF4EBP1 (Eukaryotic Translation Initiation Factor 4E Binding Protein 1) is a protein kinase and signaling regulator involved in mTOR/PI3K/Akt signaling and translational regulation. It is an important research target in cancer, cell signaling, and therap

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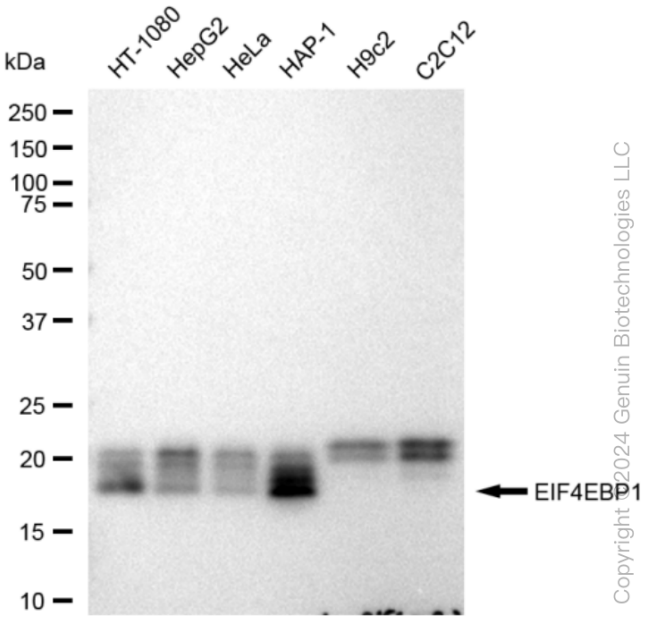

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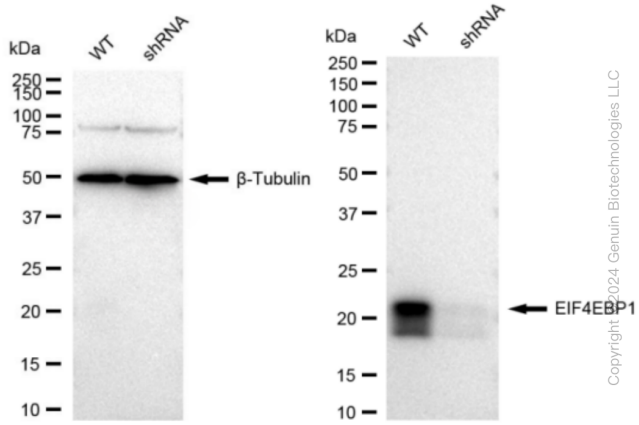
Western blotting analysis using anti-EIF4EBP1 antibody (Cat#ABG1015). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EIF4EBP1 antibody (Cat#ABG1015, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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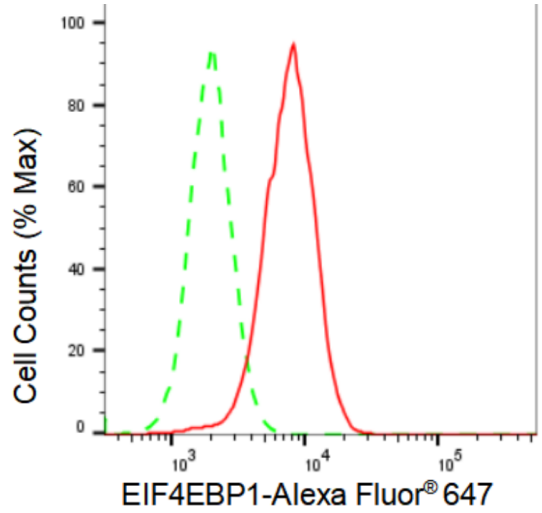
Western blotting analysis using anti-EIF4EBP1 antibody (Cat#ABG1015). EIF4EBP1 expression in wild type (WT) and EIF4EBP1 shRNA knockdown (KD) Hela cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-EIF4EBP1 antibody (Cat#ABG1015, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of EIF4EBP1 expression in HAP-1 cells using EIF4EBP1 antibody (Cat#ABG1015, 1:2,000). Green, isotype control; red, EIF4EBP1.

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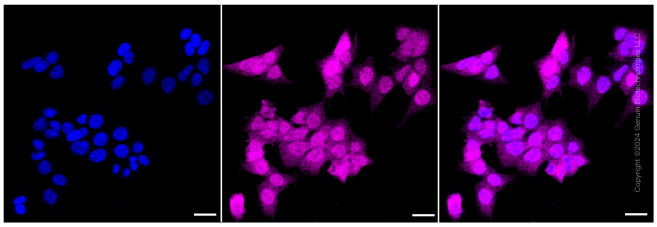

Immunocytochemical staining of HAP-1 cells with EIF4EBP1 antibody (Cat#ABG1015, 1:1,000). Nuclei were stained blue with DAPI; EIF4EBP1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.