

Product Datasheet

4EBP1 Antibody - BSA Free

NBP2-16307

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-16307

4EBP1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	13 kDa

Product Description

Host	Rabbit
Gene ID	1978
Gene Symbol	EIF4EBP1
Species	Human, Rat
Immunogen	Full length human 4EBP1 Recombinant protein.

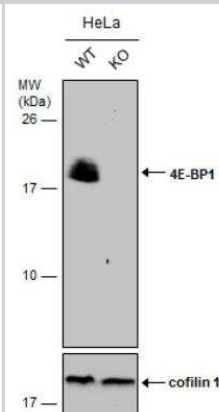
Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 10 - 1:500, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

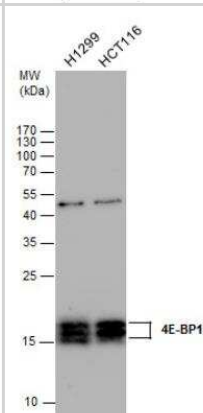


Images

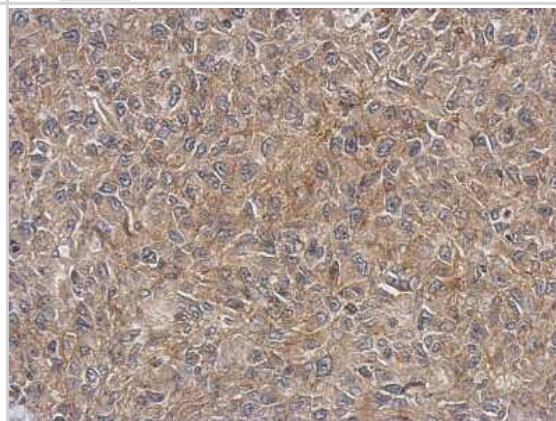
Western Blot: 4EBP1 Antibody [NBP2-16307] - Wild-type (WT) and 4E-BP1 knockout (KO) HeLa cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with 4E-BP1 antibody [N1C3]. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



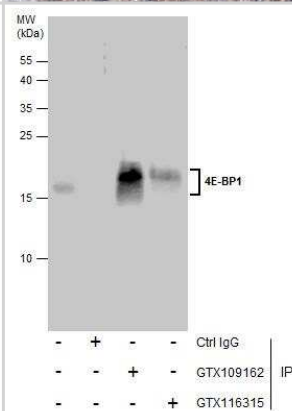
Western Blot: 4EBP1 Antibody [NBP2-16307] - 4EBP1 antibody detects 4EBP1 protein by western blot analysis. Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with 4EBP1 antibody diluted at a dilution of 1:2000.



Immunohistochemistry-Paraffin: 4EBP1 Antibody [NBP2-16307] - Analysis of paraffin-embedded RT2 xenograft, using antibody at 1:500 dilution.



Immunoprecipitation: 4EBP1 Antibody [NBP2-16307] - Immunoprecipitation of 4EBP1 protein from HCT116 whole cell extracts using 5 ug of 4EBP1 antibody or 4E-BP1 antibody. Western blot analysis was performed using 4EBP1 antibody.



Publications

Chen S, Lu XT, He TT et al. Betaine Delayed Muscle Loss by Attenuating Samtor Complex Inhibition for mTORC1 Signaling Via Increasing SAM Level Molecular nutrition & food research 2021-06-01 [PMID: 34061446]



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Products Related to NBP2-16307

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-30218	Recombinant Human 4EBP1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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