

4E-BP1 antibody [N1C3]

Cat. No. GTX109162

| | |
|--------------|---------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Applications | WB, IHC-P, IP |
| Reactivity | Human, Rat |

References (7)

 Review (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500-1:3000 |
| IHC-P | 1:100-1:1000 |
| IP | 1:100-1:500 |

Not tested in other applications.

Calculated MW 13 kDa. ([Note](#))

Properties

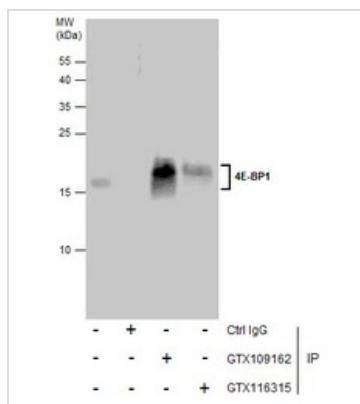
| | |
|---------------|--|
| Form | Liquid |
| Buffer | PBS, 20% Glycerol |
| Preservative | 0.025% ProClin 300 |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.13 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Full length human 4E-BP1 Recombinant protein. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |
| Note | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. |
| | Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product. |



For full product information, images and publications, please visit our [website](#).

Date 2026 / 02 / 02 Page 1 of 2

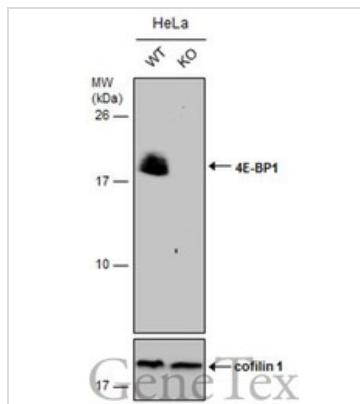
DATA IMAGES



GTX109162 IP Image

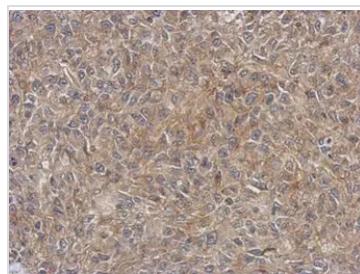
Immunoprecipitation of 4E-BP1 protein from HCT116 whole cell extracts using 5 µg of 4E-BP1 antibody [N1C3] (GTX109162) or 4E-BP1 antibody [N1C3-2] (GTX116315).

Western blot analysis was performed using 4E-BP1 antibody [N1C3] (GTX109162). EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.



GTX109162 WB Image

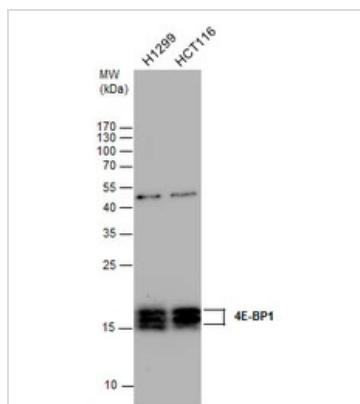
Wild-type (WT) and 4E-BP1 knockout (KO) HeLa cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with 4E-BP1 antibody [N1C3] (GTX109162) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX109162 IHC-P Image

Immunohistochemical analysis of paraffin-embedded RT2 xenograft, using EIF4EBP1(GTX109162) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTX109162 WB Image

4E-BP1 antibody detects 4E-BP1 protein by western blot analysis. Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with 4E-BP1 antibody (GTX109162) diluted at a dilution of 1:2000.



For full product information, images and publications, please visit our [website](#).

Date 2026 / 02 / 02 Page 2 of 2