

## 4E-BP1 (phospho Thr45) antibody

Cat. No. GTX50259

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, IHC-P
Reactivity	Human, Honeybee

Reference ( 1 )  
Package  
100 µl

## APPLICATION

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:1000
IHC-P	1:50-1:100

Not tested in other applications.

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

## PROPERTIES

Form	Liquid
Buffer	PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ) pH7.4, 150mM NaCl, 50% Glycerol
Preservative	0.02% Sodium azide
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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide sequence around phosphorylation site of threonine 45 (S-T-T(p)-P-G) derived from human 4E-BP1.
Purification	Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Conjugation	Unconjugated

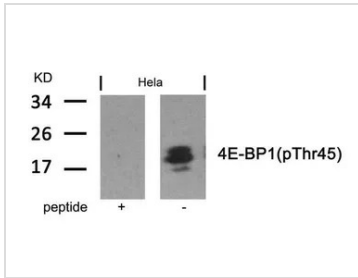
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

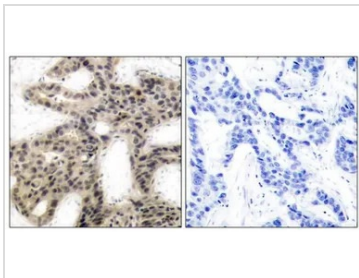
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**DATA IMAGES**

**GTX50259 WB Image**

WB analysis of extracts from HeLa cells using GTX50259 4E-BP1 (phospho Thr45) antibody with or without blocking peptide.


**GTX50259 IHC-P Image**

IHC-P analysis of human breast carcinoma tissue using GTX50259 4E-BP1 (phospho Thr45) antibody.

Left : Primary antibody

Right : Primary antibody pre-incubated with the antigen specific peptide



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