Manufacturer/Supplier:

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Product name:	Rabbit anti-4EBP1 Antibody
Catalog:	DL94933A

Synonyms: Eukaryotic translation initiation factor 4E-binding protein 1; 4E-BP1; eIF4E-binding protein 1; Phosphorylated heat- and acid-stable protein regulated by insulin 1; PHAS-I

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human 4EBP1. The exact sequence is proprietary.

Form: Liquid   **Concentration:** 1mg/mL

Size: 100 ul/50 ul   **Host:** Rabbit

Reactivity: **Application:** WB, IHC

Human,Mouse,Rat,Bovine,Pig

Clonality: Polyclonal   **Dilution:** WB (1/500 - 1/1000),
                                      IHC (1/100 - 1/200)

Entrez Gene: 1978/13685/116636
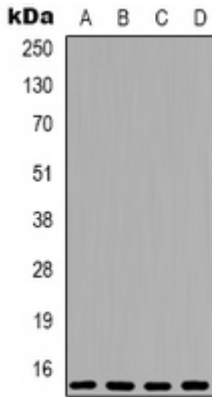
SwissProt: Q13541/Q60876/Q62622

Purification: The antibody was purified by immunogen affinity
                     chromatography.

Buffer: Liquid in 0.42% Potassium phosphate, 0.87%
                     Sodium chloride, pH 7.3, 30% glycerol, and 0.01%
                     sodium azide.

WB description:

Western blot analysis of 4EBP1 expression in MCF7 (A),
HEK293T (B), mouse brain (C), rat brain (D) whole cell lysates.

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kDa   A   B   C   D
250
130
70
51
38
28
19
16
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IHC description:

Immunohistochemical analysis of 4EBP1 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.