

Enogene

4E-BP1 (Phospho-Thr70) Antibody

E11-8283A

Catalog Number: E11-8283A

Concentration: 1mg/ml

Swiss-Prot No.: Q13541

Other Names: 4EBP1; EIF4EBP1; Eukaryotic translation initiation factor 4E binding protein 1; Insulin-stimulated EIF-4E binding protein PHAS-I; P/OKCL.6; PHAS-1; PHAS-I

All Sites: Human: Thr70

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human 4E-BP1 around the phosphorylation site of threonine 70 (T-K-T^P-P-P).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: 4E-BP1 (Phospho-Thr70) antibody detects endogenous levels of 4E-BP1 only when phosphorylated at threonine 70.

Reactivity: Human (Identities = 100%, Positives = 100%)

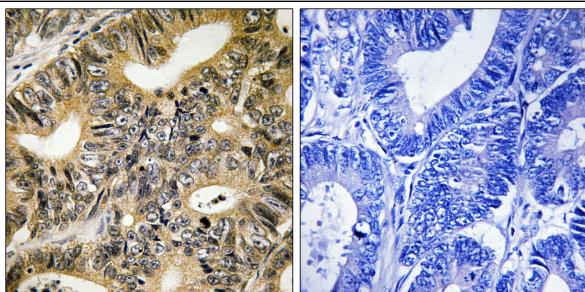
Applications: IHC: 1:50~1:100 ELISA: 1:1000

References:

Pause A., Nature 371:762-767(1994).

Gevaert K., Nat. Biotechnol. 21:566-569(2003).

Haghigat A., EMBO J. 14:5701-5709(1995).



P-peptide

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Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using 4E-BP1 (Phospho-Thr70) antibody.

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