



4E-BP1 (Ab-69) Antibody

E 11-0402B

Catalog Number: E11-0402B

Amount: 100 μ g/100 μ l

Swiss-Prot No. : Q13541

All Names: 4EBP1, EIF4EBP1, Eukaryotic translation initiation factor 4E binding protein 1, Insulin-stimulated EIF-4E binding protein PHAS-I, P/OKCL6, PHAS-1, PHAS-I

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

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

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

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity 4E-BP1 (Ab-69) antibody detects endogenous levels of total 4E-BP1 protein.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100

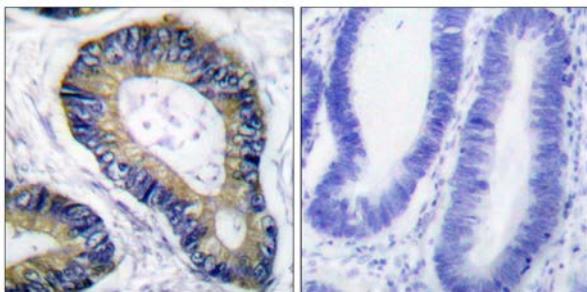
ELISA: 1:5000

References: Anne-Claude Gingras. Genes & Dev., Jun 1999; 13: 1422.

Guangming Liu. J. Biol. Chem., Mar 2002; 277: 8810 - 8816.

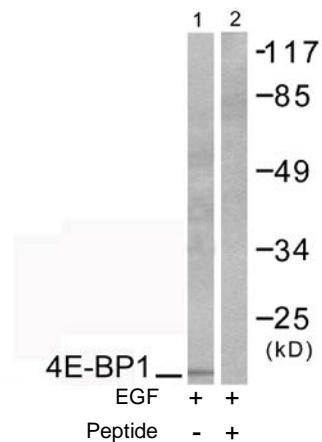
Ya-Ping Jiang, J. Biol. Chem., Mar 2001; 276: 10943 - 10951.

Anne-Claude Gingras, Genes & Dev., Feb 1998; 12: 502.



Peptide - +

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using 4E-BP1 (Ab-69) antibody (#B0402).



Western blot analysis of extracts from COS7 cells, treated with EGF (200ng/ml, 30mins), using 4E-BP1 (Ab-69) antibody (#B0402).