

Rabbit anti 4E-BP1 (Ab-36)

Catalog Number: AP21215

Amount: 100µl (for 10 Western Blotting)

Swiss-Prot No. : Q13541

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.

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 36 (S-T-T^P-P-G).

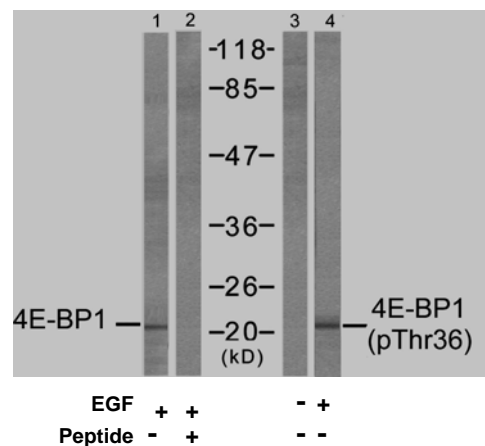
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: 4E-BP1 (Ab-36) antibody detects endogenous levels of total 4E-BP1 protein. This antibody may cross-react with 4E-BP2 and 4E-BP3.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:1000

References: Gingras AC, et al. Genes Dev Nov. 2005 Feb 15.
Mothe-Satney I, et al.(2000) J Biol Chem:15(21): 2852-64.
Gingras AC, et al. (1999) Genes Dev:13(11): 1422-37.
Lal L, et al.(2005) Blood;105(4): 1669-7.



Western blot analysis of extracts from MDA-MB-435 cells, untreated or EGF-treated (200 ng/ml, 30min), using 4E-BP1 (Ab-36) antibody (AP21215, Lane 1 and 2) and 4E-BP1 (phospho-Thr36) antibody (pAP11222, Lane 3 and 4).

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