



Mtor (Phospho-Thr2446) Antibody

E11-1156A

Catalog Number: E11-1156A

Concentration: 1mg/ml

Swiss-Prot No.: P42345

Other Names: FRAP, FRAP1, FRAP2, RAFT1, Rapamycin target protein, kinase mTOR

All Sites: Human: Thr2446; Mouse: Thr2446; Rat: Thr2446

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

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.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Mtor around the phosphorylation site of threonine 2446 (T-R-T^P-D-S).

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: Mtor (Phospho-Thr2446) antibody detects endogenous levels of Mtor only when phosphorylated at threonine 2446.

Reactivity: Human, Mouse, Rat

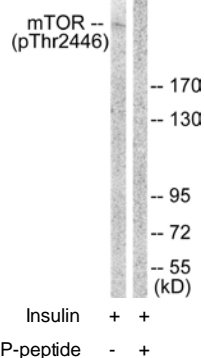
Applications: WB: 1:500~1:1000 ELISA: 1:10000

References:

Brown E.J., Nature 369:756-758(1994).

Onyango P., Genomics 50:187-198(1998).

Gregory S.G., Nature 441:315-321(2006).



Western blot analysis of extracts from NIH/3T3 cells, treated with Insulin (0.01U/ml, 15mins), using Mtor (Phospho-Thr2446) antibody.

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