



mTOR (Ab-2448) Antibody

E11-7156B

Catalog Number: E11-7156B

Amount: 100µg/100µl

Swiss-Prot No.: P42345

All Names: FRAP, FRAP1, FRAP2, RAFT2, Rapamycin target protein, kinase mTOR

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 mTOR around the phosphorylation site of serine 2448 (T-D-S^P-Y-S).

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

Specificity/Sensitivity mTOR (Ab-2448) antibody detects endogenous levels of total mTOR protein.

Reactivity: Human, Mouse, Rat

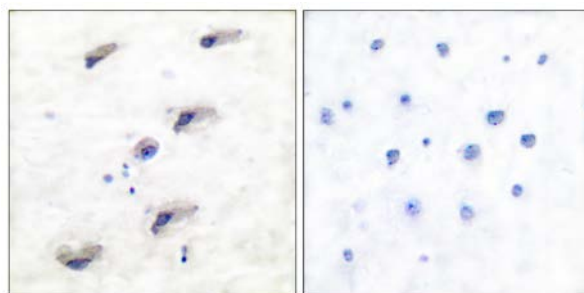
Applications: WB: 1:500~1:1000 ELISA: 1:40000

References: herine M. Hannan, Mol. Cell. Biol., Dec 2003; 23: 8862 - 8877.

Dos D. Sarbassov, Science, Feb 2005; 307: 1098 - 1101.

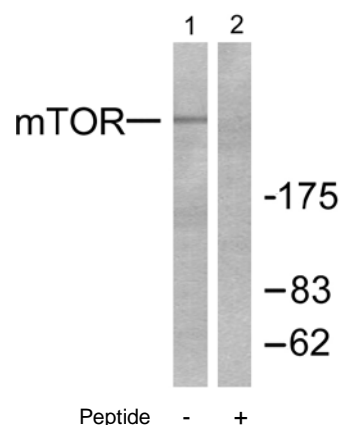
Susan W. Y. Cheng, J. Biol. Chem., Apr 2004; 279: 15719 - 15722.

Charles H. Lang, Am J Physiol Endocrinol Metab, Dec 2003; 285: E1205 - E1215.



Peptide - +

Immunohistochemical analysis of paraffin-embedded human brain tissue using mTOR (Ab-2448) antibody (#B7156).



Western blot analysis of extracts from K562 cells, using mTOR (Ab-2448) antibody (#B7156, Line 1 and 2).

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