Anti-Phospho-mTOR (Thr2446) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P012529

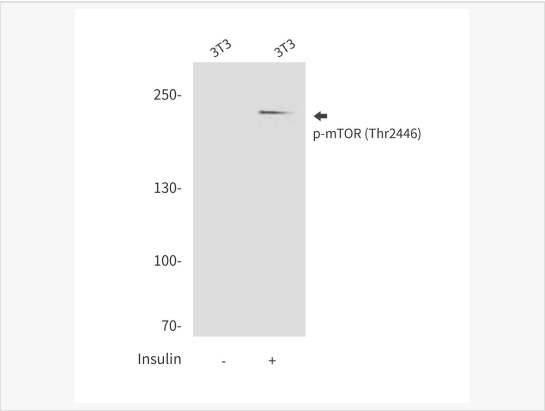
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Synthetic peptide of human MTOR
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-mTOR (Thr2446) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	MTOR, FRAP, FRAP1, FRAP2, RAFT1, RAPT1, Serine/threonine-protein kinase mTOR, FK506-binding protein 12-rapamycin complex-associated protein 1, FKBP12-rapamycin complex-associated protein, Mammalian target of rapamycin, mTOR, Mechanistic tar.
Calculated MW	Calculated MW: 289 kDa; Observed MW: 220 kDa
Uniprot ID	P42345
Gene ID	2475
Background	An atypical kinase belonging to the PIKK family of kinases. Controls cell growth through protein synthesis regulation. Downstream of PI3K/Akt pathway and required for cell survival. Acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex.

Validation Images



Western blot analysis of Phospho-mTOR (Thr2446) in 3T3 lysates using Phospho-mTOR (Thr2446) antibody.