



# ELK Biotechnology

## mTOR (phospho Ser2448) Rabbit pAb

Catalog Number: ES1362

For research use only.

### Overview

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Product Name	mTOR (phospho Ser2448) polyclonal antibody
Host species	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Cross-Reactivity	Human,Mouse,Rat
Recommended dilutions	<b>Western Blot:1/500-1/2000</b> <b>Immunohistochemistry:1/100-1/300</b> <b>Immunofluorescence:1/200-1/1000</b> <b>ELISA:1/40000</b>
Immunogen	Synthesized peptide derived from human mTOR around the phosphorylation site of S2448.
Specificity	Phospho-mTOR (S2448) Polyclonal Antibody detects endogenous levels of mTOR protein only when phosphorylated at S2448.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Protein Name	mTOR (phospho Ser2448)
Gene Name	MTOR
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	<b>289kDa</b>
Human Gene ID	2475
Human Swiss-Prot Number	P42345
Alternative Names	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