

Product Name: mTOR (Phospho Ser2448) Rabbit Monoclonal Antibody
Catalog #: AMRe21332

Summary

Production Name	mTOR (Phospho Ser2448) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Phospho
Modification	Phosphorylated
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	Protein A

Immunogen

Gene Name	MTOR MTOR;FRAP;FRAP1;FRAP2;RAFT1;RAPT1;Serine/threonine-protein kinase
Alternative Names	mTOR;FK506-binding protein 12-rapamycin complex-associated protein 1;FKBP12-rapamycin complex-associated protein;Mammalian target of rapamycin;mTOR;Mechanistic tar
Gene ID	2475
SwissProt ID	P42345.

Application

Dilution Ratio	IHC 1:500-1:2000;WB 1:2000-1:10000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;
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Molecular Weight

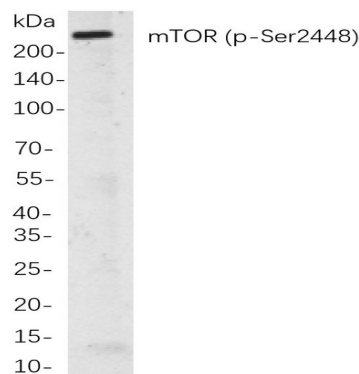
Calculated MW:289kD;Observed MW:250kD

Background

Cell localization:Cytoplasm.The protein encoded by this gene belongs to a family of phosphatidylinositol kinase-related kinases. These kinases mediate cellular responses to stresses such as DNA damage and nutrient deprivation. This protein acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex. The ANGPTL7 gene is located in an intron of this gene. [provided by RefSeq, Sep 2008],

Research Area

Image Data



Western blot analysis of lysates from HeLa

cells, using mTOR (p-Ser2448) Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.

Note

For research use only.