

Phospho-mTOR-S2448 Rabbit pAb

Catalog No.: AP0094 **22 Publications**

Basic Information

Catalog No.

AP0094

Observed MW

289kDa

Calculated MW

288kDa

Category

Primary antibody

Applications

WB, IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IF	1:50 - 1:200

Background

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.

Immunogen Information

Gene ID	Swiss Prot
2475	P42345


Immunogen

A synthetic phosphorylated peptide around S2448 of human mTOR (NP_004949.1).

Synonyms

FRAP;FRAP1;FRAP2;RAFT1;RAPT1;SKS;mTOR;MTOR

Contact

 | www.abclonal.com

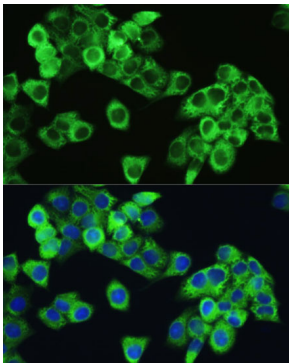
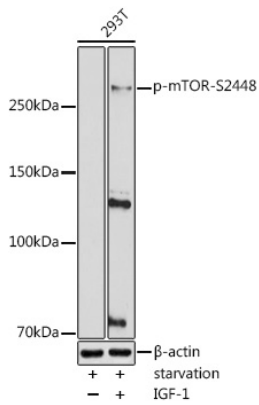
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of HeLa cells using Phospho-MTOR-S2448 antibody (AP0094) at dilution of 1:100. Blue: DAPI for nuclear staining.