

## Phospho-MTOR-S2448

**Reactivity:** Human

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF 1:50 - 1:200

**Calculated MW:** 289kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding S2448 of human MTOR

**Storage Buffer:**

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

**Concentration:**

cfor

**Synonym:**

FRAP;FRAP1;FRAP2;RAFT1;

**Catalog #:** AP0409

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 2475

**Isotype:** IgG

**Swiss Prot:** P42345

**Purity:** Affinity purification

For research use only.

**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.

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