

## MTOR

**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 synthetic peptide 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; RAPT1;

**Catalog #:**A5520

**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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