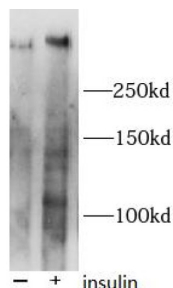


## Serine/Threonine-Protein Kinase MTOR Phospho-Ser2448 (MTOR pS2448) Antibody

Catalogue No.: abx010403



WB analysis of NIH/3T3 cells, using Phospho-MTOR(S2448) antibody (1/1000 dilution).

Serine/Threonine-Protein Kinase MTOR Phospho-Ser2448 (MTOR pS2448) Antibody is a Rabbit Polyclonal antibody for the detection of Phospho- MTOR (S2448).

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.

<b>Target:</b>	Serine/Threonine-Protein Kinase MTOR Phospho-Ser2448 (MTOR pS2448)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Tested Applications:</b>	ELISA, WB
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Phospho-MTOR-S2448
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purity:</b>	≥ 95% (SDS-PAGE)
<b>Purification:</b>	Purified by immunogen affinity chromatography.

# Datasheet

Version: 2.0.0

Revision date: 03 Jul 2025



**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**Validity:** 12 months.

**UniProt Primary AC:** P42345 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** MTOR

**GeneID:** [2475](#)

**OMIM:** [601231](#)

**HGNC:** 3942

**KEGG:** hsa:2475

**Ensembl:** ENSG00000198793

**String:** [9606.ENSP00000354558](#)

**Molecular Weight:** Observed MW: 289 kDa

**Buffer:** PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.

**Concentration:** 2 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.