

## mTOR Antibody

Catalog No: #35373

Package Size: #35373-1 50ul #35373-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

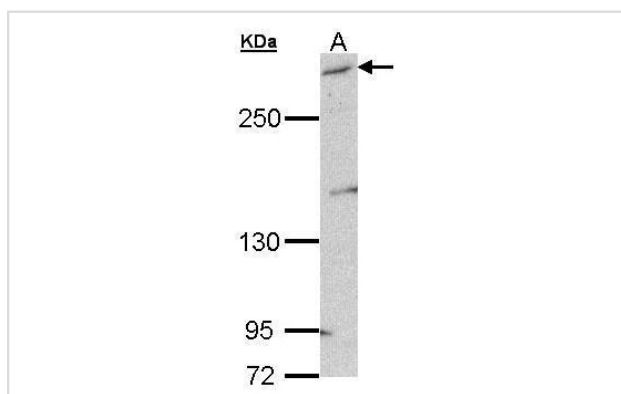
## Description

Product Name	mTOR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total mTOR protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 1287 and 1569 of mTOR.
Target Name	mTOR
Other Names	FLJ44809 antibody; FRAP antibody; FRAP1 antibody; FRAP2 antibody; RAFT1 antibody; RAPT1 antibody; MTOR antibody; FK506 binding protein 12-rapamycin associated protein 2 antibody; FK506-binding protein 12-rapamycin complex-associated protein 1 antibody; FK
Accession No.	Swiss-Prot#:P42345;NCBI Gene#:2475
SDS-PAGE MW	289kd
Concentration	1mg/ml
Formulation	Rabbit IgG in 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:3000

## Images



Sample (30 ug of whole cell lysate)  
A: Raji  
5% SDS PAGE  
#35373 diluted at 1:1000

## 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. [provided by RefSeq]

## Published Papers

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el et al., Amlexanox Enhances Temozolomide-Induced Antitumor Effects in Human Glioblastoma Cells by Inhibiting IKBKE and the Akt-mTOR Signaling Pathway. In ACS Omega on 2021 Feb 5 by Jinbiao Xiong, Gaochao Guo, et al..PMID:33644550, , (2020)

[PMID:33644550](#)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.