

mTOR Rabbit Polyclonal Antibody

OPR2865

Reactivity	H, M, R,Bv,Ch,Pg	Storage	-20°C, Avoid freeze / thaw cycles
Host	Rabbit	Applications	IF;WB;IHC;ELISA
Isotype	IgG	Concentration	1 mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human mTOR. AA range:2447-2496
Human Swiss-Prot Number	P42345
Synonyms	MTOR; FRAP; FRAP1; FRAP2; RAFT1; RAPT1; Serine/threonine-protein kinase mTOR; FK506-binding protein 12-rapamycin complex-associated protein 1; FKBP12-rapamycin complex-associated protein; Mammalian target of rapamycin; mTOR; Mechanistic tar

Product Information

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000,IHC-p 1:100-500,IF/ICC 1:100-500,ELISA 1:5000-20000.
Observed MW	289 kDa

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

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.

Research Use

For research use only, not for use in diagnostic procedures.

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow,Is-Insect,Ys- yeast.

Please contact Origin Diagnostics and Research for further assistance

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