Product datasheet

Anti-mTOR (Phospho-S2448) Antibody

Catalog Number: *BM4840*

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Basic Information

Product Name	Anti-mTOR (Phospho-S2448) Antibody
Gene Name	MTOR
Source	Rabbit
Isotype	IgG
Species Reactivity	human, mouse, pig
Tested Application	WB, IHC
Contents	500 ug/ml;Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen	A synthesized peptide derived from human Phospho-mTOR (S2448)
concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	289KD
Dilution Ratios	Western blot (WB): 1:400-800 Immunohistochemistry in paraffin section (IHC):1:20-100

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

The mammalian target of rapamycin (mTOR), also known as the mechanistic target of rapamycin and FK506-binding protein 12-rapamycin-associated protein 1 (FRAP1), is a kinase that in humans is encoded by theMTOR gene. 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.

Reference

Anti-mTOR (Phospho-S2448) Antibody被引用在15文献中。

Selected Validation Data

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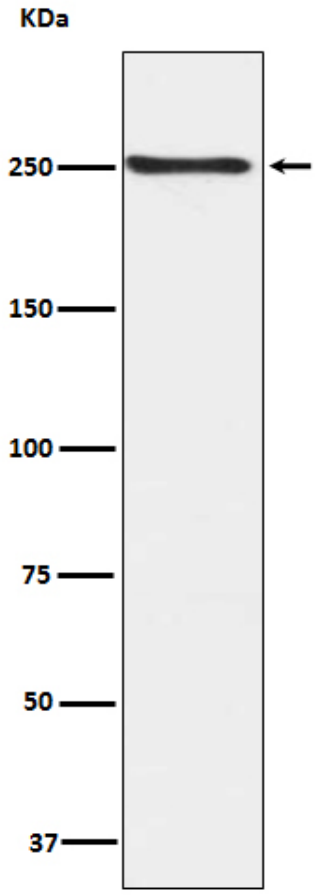

Western blot analysis of Phospho-mTOR (S2448) expression in HEK293 cell lysate.