

mTOR Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05645
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human mTOR. AA range:2447-2496
Mol wt	288892
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	mTOR Antibody
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 ta

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Serine/threonine-protein kinase mTOR encoded by MTOR belongs to a family of phosphatidylinositol kinase-related kinases. These kinases mediate cellular responses to stresses such as DNA damage and nutrient deprivation. Serine/threonine-protein kinase mTOR 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.

Recommended Dilution

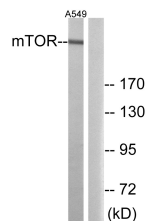
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

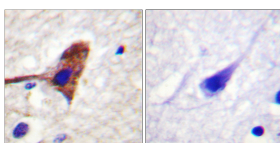
ELISA: 1: 10000

Not yet tested in other applications.

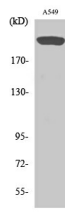
Images



Western blot analysis of lysates from A549 cells, using mTOR Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using mTOR Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using mTOR Polyclonal Antibody

Storage

-20°C for one year

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