

## MTOR antibody

### Product Information

Catalog No.:	FNab05417
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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.

### Immunogen information

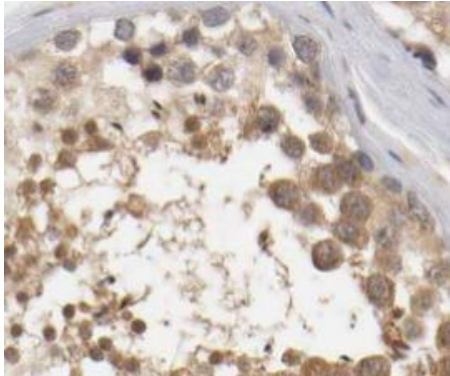
Immunogen:	FK506 binding protein 12-rapamycin associated protein 1
Synonyms:	Serine/threonine-protein kinase mTOR FK506-binding protein 12-rapamycin complex-associated protein 1 FKBP12-rapamycin complex-associated protein Mammalian target of rapamycin (mTOR) Mechanistic target of rapamycin Rapamycin and FKBP12 target 1 Rapamycin target protein 1 MTOR FRAP FRAP1 FRAP2 RAFT1 RAPT1
Observed MW:	290 kDa
Uniprot ID :	P42345

### Application

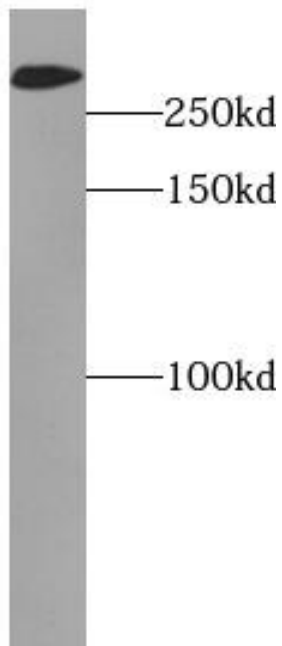
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC

Recommended dilution: WB: 1:200 - 1:500; IHC: 1:100 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human testis using FNab05417(MTOR antibody) at dilution of 1:100



HeLa cells were subjected to SDS PAGE followed by western blot with FNab05417(MTOR antibody) at dilution of 1:300