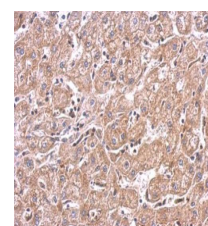


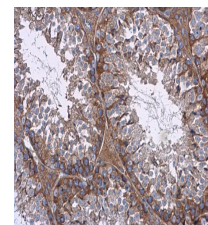
## Product Datasheet

### mTOR antibody [C3], C-term GRP24

<b>Description</b>	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]
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ChIP, ICC, IF, IHC-P, IP, WB
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of human mTOR. The exact sequence is proprietary.
<b>Form/Appearance</b>	Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
<b>Concentration</b>	0.27 mg/ml
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Note</b>	For research use only.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Purified by antigen-affinity chromatography.
<b>Uniprot ID</b>	<b>P42345</b>
<b>Entrez</b>	<b>2475</b>
<b>Dilution Range</b>	WB: 1:500-1:3000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000, IP: 1:100-1:500



mTOR antibody detects FRAP1 protein at cytosol on human hepatoma by immunohistochemical analysis.  
Sample: Paraffin-embedded hepatoma. mTOR antibody (GRP476) dilution: 1:500.



mTOR antibody [C3], C-term detects mTOR protein at cytoplasm in mouse testis by immunohistochemical analysis.  
Sample: Paraffin-embedded mouse testis. mTOR antibody [C3], C-term (GRP476) diluted at 1:500.