

## Rabbit mTOR Polyclonal Antibody | anti-mTOR antibody

Anti-mTOR Antibody

| CATALOG # | HOST   | REACTIVITY               | APPLICATIONS                       |
|-----------|--------|--------------------------|------------------------------------|
| AAA261168 | Rabbit | Human, Mouse, Rat, Sheep | Immunohistochemistry, Western Blot |

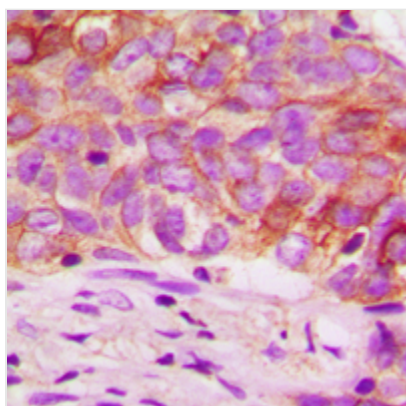
### PRODUCT SYNONYMS

mTOR; Polyclonal Antibody; Anti-mTOR Antibody; 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; Mechanistic target of rapamycin; Rapamycin and FKBP12 target 1; Rapamycin target protein 1; anti-mTOR antibody

### PRODUCT SPECIFICATIONS

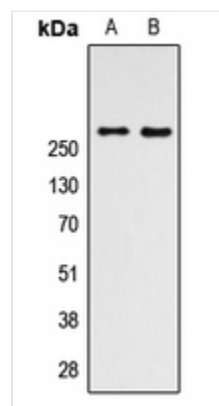
|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human, Mouse, Rat, Sheep                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                          |
| Specificity                                    | Recognizes endogenous levels of mTOR protein.                                                                                       |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                                     |
| Form/Format                                    | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.                           |
| Sequence Length                                | 2549                                                                                                                                |
| Applicable Applications for anti-mTOR antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                       |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human mTOR. The exact sequence is proprietary. |
| Preparation and Storage                        | Shipped and store at 4 degree C for one year. Do not freeze.                                                                        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of mTOR staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of mTOR expression in HEK293T (A), NIH3T3 (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-MTOR antibody | Rabbit polyclonal antibody to mTOR |
|----------------------------------------------------|------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 1169735                                        |
| NCBI GeneID                      | 2475                                           |
| UniProt Accession #              | P42345; Q4LE76; Q5TER1; Q6LE87; Q96QG3; Q9Y4I3 |
| Molecular Weight                 | 288,892 Da                                     |
| NCBI Official Full Name          | Serine/threonine-protein kinase mTOR           |
| NCBI Official Synonym Full Names | mechanistic target of rapamycin                |
| NCBI Official Symbol             | MTOR                                           |
| NCBI Official Synonym Symbols    | SKS; FRAP; FRAP1; FRAP2; RAFT1; RAPT1          |
| NCBI Protein Information         | serine/threonine-protein kinase mTOR           |
| UniProt Protein Name             | Serine/threonine-protein kinase mTOR           |
| UniProt Gene Name                | MTOR                                           |
| UniProt Synonym Gene Names       | FRAP; FRAP1; FRAP2; RAFT1; RAPT1; mTOR         |
| UniProt Entry Name               | MTOR_HUMAN                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mtor-antibody-immunohistochemistry-western-blot-elisa/261168>