

Goat MTOR/FRAP2 Antibody | anti-MTOR antibody

Goat Anti-MTOR/FRAP2 (aa1137-1150) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61840	Goat	Tested: HumanExpected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow	Immunofluorescence, ELISA

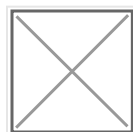
PRODUCT SYNONYMS

MTOR/FRAP2; Goat Anti-MTOR/FRAP2 (aa1137-1150) Antibody; FK506 binding protein 12-rapamycin associated protein 1; FK506 binding protein 12-rapamycin associated protein 2; FK506-binding protein 12-rapamycin complex-associated protein 1; FKBP12-rapamycin complex-associated protein 1; FKBP-rapamycin associated protein; FLJ44809; FRAP; FRAP1; FRAP2; mammalian target of rapamycin; mechanistic target of rapamycin (serine/threonine kinase); RAFT1; rapamycin and FKBP12 target 1; rapamycin associated protein FRAP2; rapamycin target protein 1; RAPT1; serine/threonine-protein kinase mTOR; MTOR; anti-MTOR antibody

PRODUCT SPECIFICATIONS

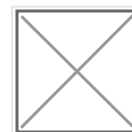
Host	Goat
Reactivity	Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	2549
Applicable Applications for anti-MTOR antibody	IF (Immunofluorescence), ELISA (Peptide ELISA)
Peptide Sequence	C-ETVDRLTESLDFTD
Immunogen	Peptide with sequence C-ETVDRLTESLDFTD, from the internal region of the protein sequence according to NP_004949.1.
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



IF (Immunofluorescence)

AAA61840) Immunofluorescence analysis of paraformaldehyde fixe HEK293 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing endoplasmic reticulum and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826730
NCBI GeneID	2475
NCBI Accession #	NP_004949.1
NCBI GenBank Nucleotide #	NP_004949.1

UniProt Accession #	P42345
NCBI Official Full Name	serine/threonine-protein kinase mTOR
NCBI Official Synonym Full Names	mechanistic target of rapamycin kinase
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://stage.aaabiotech.com/goat-cow-dog-human-mouse-pig-rat-antibody/mtor-frap2/61840>