Rabbit MTOR Polyclonal Antibody | anti-MTOR antibody

MTOR (Ab-2448) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA242763	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

MTOR; Polyclonal Antibody; MTOR (Ab-2448) Antibody; FRAP; FRAP1; FRAP2; RAFT1; anti-MTOR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were Purified by affinity-chromatography using epitope-specific peptide.
Form/Format	Liquid; Supplied at 1.0mg/mL In Phosphate Buffered Saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applicable Applications for anti-MTOR antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Peptide sequence around aa. 2446~2450 (T-D-S-Y-S) derived from Human mTOR.
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES

IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed MCF7 cells using mTOR(Ab-2448) Antibody.

IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human Lung carcinoma tissue using mTOR(Ab-2448) Antibody(left) or the same antibody preincubated with blocking peptide(right).

WB (Western Blot)
Western blot analysis of extracts from Hela, 293 and JK cells using mTOR(Ab-2448) Antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MTOR antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826730
NCBI GeneID	2475
NCBI Accession #	NP_004949.1
NCBI GenBank Nucleotide #	NM_004958.3
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 (serine/threonine kinase)
NCBI Official Symbol	MTOR
NCBI Official Synonym Symbols	FRAP; FRAP1; FRAP2; RAFT1; RAPT1
NCBI Protein Information	serine/threonine-protein kinase mTOR; rapamycin target protein 1; mammalian target of rapamycin; rapamycin and FKBP12 target 1; FKBP-rapamycin associated protein; rapamycin associated protein FRAP2; FKBP12-rapamycin complex-associated protein 1; FK506 bin
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/polyclonal/mtor-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/242763