

mTOR Antibody | anti-mTOR antibody

mTOR (Ab-2448) Antibody

CATALOG # AAA111115	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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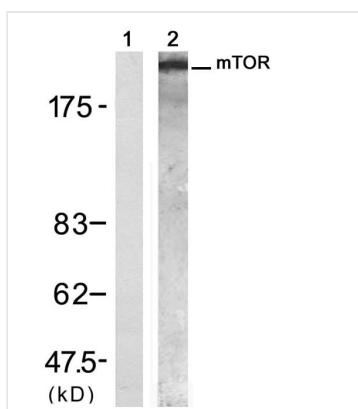
PRODUCT SYNONYMS

mTOR; mTOR (Ab-2448) Antibody; anti-mTOR antibody

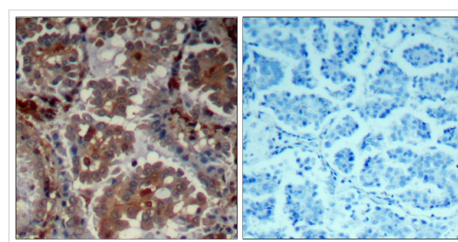
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	mTOR (Ab-2448) Antibody detects endogenous levels of total mTOR protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	2549
Applicable Applications for anti-mTOR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human mTOR around the phosphorylation site of serine 2448 (T-D-SP-Y-S).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES


WB (Western Blot)

Western blot analysis of extract from 293 cell, using mTOR (Ab-2448) Antibody.


IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human Lung carcinoma tissue using mTOR (Ab-2448) Antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-mTOR antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Albanell J, et al.(2007)Clin Transl Oncol.9(8):484-93. Huang JJ, et al.(2007)Ai Zheng.26(12):1397-403. Kenerson H, et al. (2007)Hum Pathol.38(9):1361-71.

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 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

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/human-mouse-rat-antibody/mTOR/111115>