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Research Use Only. Not for diagnostic or therapeutic use.

EB11385 - Goat Anti-MTOR / FRAP2 (aa1137-1150) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: 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

Official Symbol: MTOR

Accession Number(s): NP_004949.1

Human GeneID(s): 2475

Non-Human GenelD(s): 56717 (mouse), 56718 (rat)

Immunogen

Peptide with sequence C-ETVDRLTESLDFTD, from the internal region of the protein sequence according to NP_004949.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

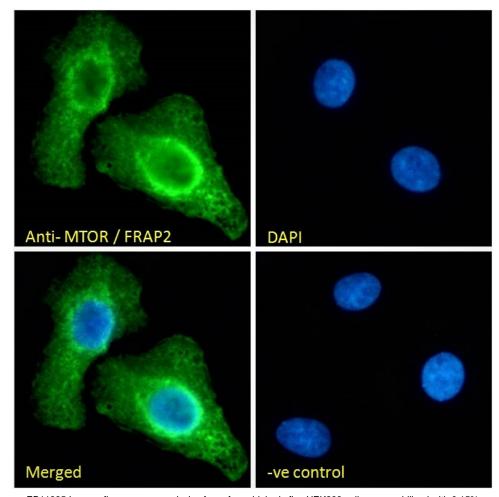
Peptide ELISA: antibody detection limit dilution 1:64000.

Immunofluorescence: Strong expression of the protein seen in the ER and vesicles/cytoplasm of HEK293 cells. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB11385 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).