

Manufacturer/Supplier:

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Product name: Rabbit anti-mTOR (pS2448) Antibody

Catalog: DL93926A

Synonyms: 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; mTOR; Mechanistic target of
rapamycin; Rap

Immunogen: KLH-conjugated synthetic peptide encompassing a
sequence within the C-term region of human
mTOR. The exact sequence is proprietary.

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Rabbit

Reactivity:
Human, Mouse, Rat, Sheep

Application: WB, IHC, IF/IC, IP

Clonality: Polyclonal

Dilution: WB (1/500 - 1/1000),
IHC (1/100 - 1/200), IF/IC (1/100 -
1/500), IP (1/10 - 1/100)

Entrez Gene: 2475/56717/56718

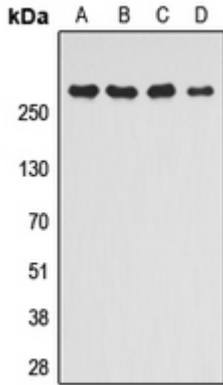
SwissProt: P42345/Q9JLN9/P42346

Purification: The antibody was purified by immunogen affinity chromatography.

Buffer: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of mTOR (pS2448) expression in HEK293T PMA-treated (A), HeLa (B), RAW264.7 PMA-treated (C), mouse liver (D) whole cell lysates.

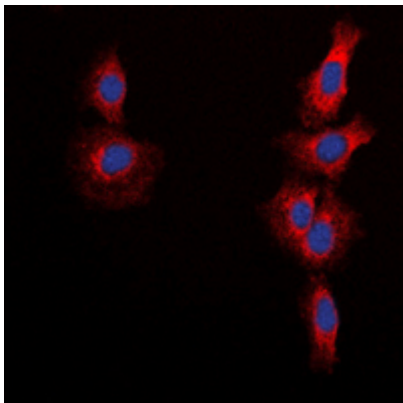


IHC description:

Immunohistochemical analysis of mTOR (pS2448) 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.

IF/ICC description:

Immunofluorescent analysis of mTOR (pS2448) staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary a



IP description:

Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.