

Manufacturer/Supplier:

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Product name: Rabbit anti-S6K1 (pS447) Antibody

Catalog: DL92315A

Synonyms: STK14A; Ribosomal protein S6 kinase beta-1; S6K-beta-1; S6K1; 70 kDa ribosomal protein S6 kinase 1; P70S6K1; p70-S6K 1; Ribosomal protein S6 kinase I; Serine/threonine-protein kinase 14A; p70 ribosomal S6 kinase alpha; p70 S6 kinase alpha; p70 S6K-alpha;

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human S6K1 (pS447). The exact sequence is proprietary.

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Rabbit

Reactivity:

Human, Mouse, Rat, Bovine, Chicken, Dog, Pig, Rabbit

Application: WB, IHC, IF/IC**Clonality:** Polyclonal

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

Entrez Gene:

6198/72508/83840

SwissProt:

P23443/Q8BSK8/P67999

Purification:

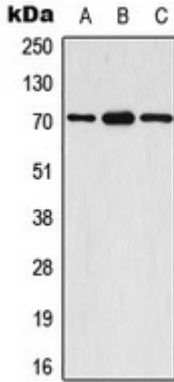
The antibody was purified by immunogen affinity chromatography.

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 S6K1 (pS447) expression in A549 EGF-treated (A), mouse brain (B), rat brain (C) whole cell lysates.

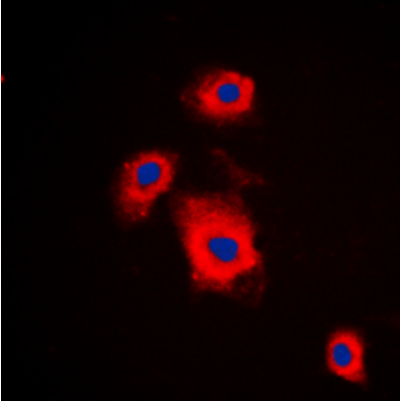


IHC description:

Immunohistochemical analysis of S6K1 (pS447) staining in human breast 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 S6K1 (pS447) staining in A549 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 an



Storage:

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