

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-RSK1/2/3 (pT573/570/577) Antibody

**Catalog:** DL93814A

**Synonyms:** MAPKAPK1A; RSK1; Ribosomal protein S6 kinase alpha-1; S6K-alpha-1; 90 kDa ribosomal protein S6 kinase 1; p90-RSK 1; p90RSK1; p90S6K; MAP kinase-activated protein kinase 1a; MAPK-activated protein kinase 1a; MAPKAP kinase 1a; MAPKAPK-1a; Ribosomal S6 kinas

**Immunogen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RSK1/2/3. The exact sequence is proprietary.

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:** Human, Mouse, Rat

**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:** 20111; 20112; 110651/81771

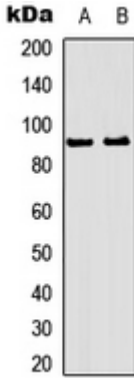
**SwissProt:** Q15418; Q15349; P51812/P18653; Q9WUT3;  
P18654/Q63531

**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 RSK1/2/3 (pT573/570/577) expression in HeLa (A), HepG2 (B) whole cell lysates.

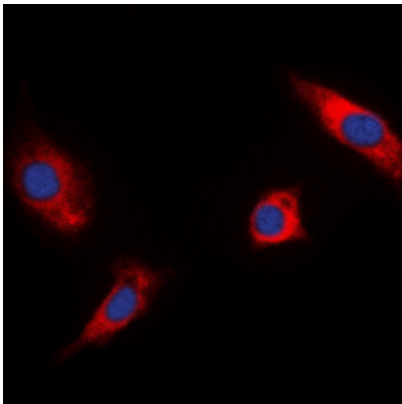


### IHC description:

Immunohistochemical analysis of RSK1/2/3 (pT573/570/577) staining in human lung 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 RSK1/2/3 (pT573/570/577) staining in HeLa 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



**Storage:**

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