

Phospho-p70 S6 Kinase 1-T421/S424 Antibody

CABP1106

Description

This Phospho-p70 S6 Kinase 1-T421/S424 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CABP1106

Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: S6K, PS6K, S6K1, STK14A, p70-S6K, p70 S6KA, p70-alpha, S6K-beta-1, p70(S6K)-alpha, Phospho-p70 S6 Kinase 1-T421/S424

Clone: -

Applications: WB ELISA

Conjugation: -

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 6198

Uniprot: AB_2863975

Host Species: Rabbit

Purification: Affinity purification

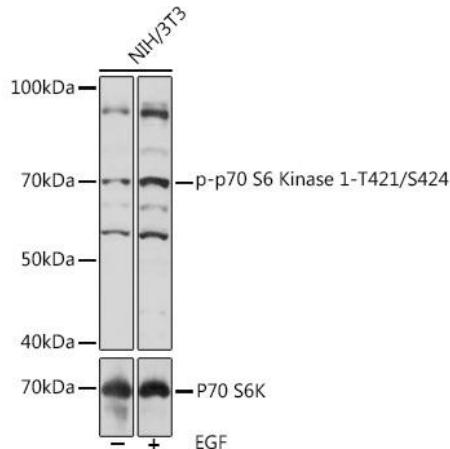
Observed MW: 70kDa

Calculated MW: 59kDa

Preparation & Storage

Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.				
	Store Bradford Reagent at Room Temperature for 1 Year.				
Positive Sample:	NIH/3T3 treated with EGF				
Recommended Dilutions:	<table border="1"><tr><td>WB</td><td>1:500 - 1:2000</td></tr><tr><td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr></table>	WB	1:500 - 1:2000	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
WB	1:500 - 1:2000				
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.				
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol				

Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-p70 Kinase 1-/ pAb (CABP1106) at 1:1000 dilution or S6K antibody (CAB16968). NIH/3T3 cells were treated with EGF (100 ng/mL) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.