

Product Datasheet

Phospho-p70 S6 Kinase (Ser424) Antibody

Catalog No: CY6407

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P23443

All Names: EC 2.7.11.1, KS6B1, P70-S6K, RPS6KB1, Ribosomal protein S6 kinase, Ribosomal protein S6 kinase, 70kDa, polypeptide 1, S6K, kinase p70S6K, p70-S6K

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human p70 S6 Kinase around the phosphorylation site of Serine 424 (Serine 447)

Molecular Wt.: 70 kDa

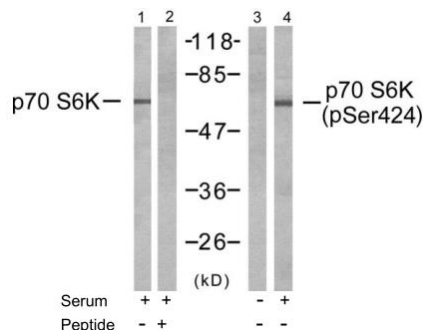
Application

WB: 1:500~1:2000

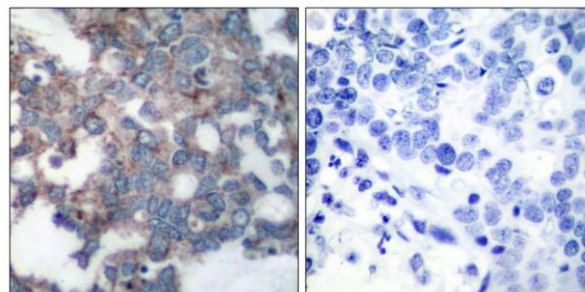
IHC 1:50-1:200

Background

This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates several residues of the S6 ribosomal protein.



Western blot analysis of extracts from 293 cells, untreated or treated with serum(15%), using p70 S6 Kinase (Ab-424) antibody (Line 1 and 2) and p70 S6 Kinase (Phospho-Ser424) antibody (Line 3 and 4).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p70 S6 Kinase (Phospho-Ser424) antibody.

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