

p70 S6 Kinase (Ser398) Antibody
Rabbit Polyclonal Antibody
Catalog # AN1290**Specification**

p70 S6 Kinase (Ser398) Antibody - Product Information

Application	WB
Primary Accession	H1ZYE3
Reactivity	Drosophila
Host	Rabbit
Clonality	Polyclonal

p70 S6 Kinase (Ser398) Antibody - Additional Information

Gene Name **S6K**

Target/Specificity

Synthetic phospho-peptide corresponding to amino acid residues surrounding Thr398 conjugated to KLH

Dilution

WB~~ 1:1000

Format

Antigen Affinity Purified from Pooled Serum

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

p70 S6 Kinase (Ser398) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

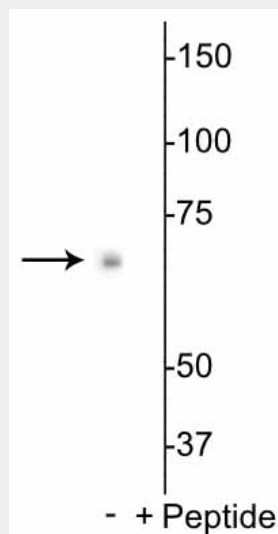
Blue Ice

p70 S6 Kinase (Ser398) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

p70 S6 Kinase (Ser398) Antibody - Images



Western blot of Drosophila S2 cell lysate showing specific labeling of the ~70 kDa p70 S6K protein phosphorylated at Thr398 in the first lane (-). Immunolabeling is blocked by preadsorption with the phosphopeptide used as antigen in the second lane (+), but not by the corresponding non-phosphopeptide (not shown).

p70 S6 Kinase (Ser398) Antibody - Background

p70 S6 kinase (p70 S6K) is activated in a signaling pathway that includes mTOR and is a mitogen-activated Ser/Thr protein kinase that is required for cell growth and G1 cell cycle progression (Xio et al., 2009). p70 S6K is controlled by multiple phosphorylation events located within the catalytic, linker and pseudosubstrate domains and subsequently phosphorylates specifically ribosomal protein S6 (Saitoh et al., 2002). Phosphorylation of Thr