

Rabbit p70S6 Kinase Polyclonal Antibody

p70S6 Kinase antibody

CATALOG # AAA107810	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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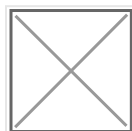
PRODUCT SYNONYMS

p70S6 Kinase; Polyclonal Antibody; p70S6 Kinase antibody; Polyclonal p70S6 Kinase; Anti-p70S6 Kinase; pS6 Kinase-70; p70S6K; Phospho Ser411; pS6 Kinase 70; anti-p70S6 Kinase antibody

PRODUCT SPECIFICATIONS

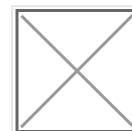
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	p70S6 Kinase antibody was purified by immunoaffinity chromatography.
Form/Format	Supplied in liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-p70S6 Kinase antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	p70S6 kinase is a serine/threonine kinase that acts downstream of PIP3 and phosphoinositide-dependent kinase-1 in the PI3 kinase pathway. As the name suggests, its target substrate is the S6 ribosomal protein. Phosphorylation of S6 induces protein synthesis at the ribosome.
Cross-Reactivity	Human, Mouse, Rat
Immunogen	p70S6 Kinase antibody was raised in Rabbit using the peptide sequence around phosphorylation site of serine 411 (I-R-S(p)-P-R) derived from Human p70 S6 Kinase as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



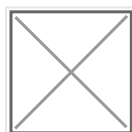
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p70 S6 Kinase (Phospho-Ser411) antibody (left) or the same antibody preincubated with with blocking peptide (right)



WB (Western Blot)

Western Blot analysis of extracts from MCF cells untreated or treated with EGF using p70 S6 Kinase (Phospho-Ser411) antibody



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed MCF7 cells using p70 S6 Kinase (Phospho-Ser411) antibody

ADDITIONAL INFORMATION

Related Product Information for anti-p70S6 Kinase antibody	Rabbit polyclonal p70S6 Kinase antibody
Product Categories/Family for anti-p70S6 Kinase antibody	Proteases; Inhibitors; & Enzymes

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/p70s6-kinase-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/107810>