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p70 S6 kinase α (phospho Ser447) Polyclonal Antibody

Cat #: ABP50390 Size: 30μl /100μl /200μl

Product Information

	Product Name: p70 S6 kinase α (phospho Ser447) Polyclonal Antibody		
	Applications: WB, IHC-P, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	**Catalog Number:** ABP50390	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

Background: RPS6KB1 encodes a member of the ribosomal S6 kinase family of serine/threonine kinases. Ribosomal protein S6 kinase B1 responds to mTOR (mammalian target of rapamycin) signaling to promote protein synthesis, cell growth, and cell proliferation. Activity of RPS6KB1 has been associated with human cancer. Alternatively spliced transcript variants have been observed. The use of alternative translation start sites results in isoforms with longer or shorter N-termini which may differ in their subcellular localizations. There are two pseudogenes for RPS6KB1 on chromosome 17.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:10000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

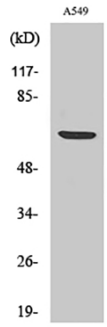
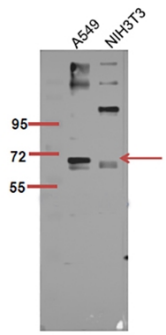


Fig.1. Western Blot analysis of various cells using Phospho-p70 S6 kinase α (S447) Polyclonal Antibody diluted at 1:1000.

	Fig.2. The picture was kindly provided by our customer,antibody was diluted at 1:500.

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