

Human/Mouse/Rat RSK Pan Specific Antibody

Antigen Affinity-purified Polyclonal Rabbit IgG Catalog Number: AF2056

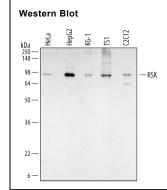
DESCRIPTION			
Species Reactivity	Human/Mouse/Rat		
Specificity	Detects endogenous human, mouse and rat RSK family isoforms in Western blots.		
Source	Polyclonal Rabbit IgG		
Purification	Antigen Affinity-purified		
Immunogen	Human RSK2 synthetic peptide		
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.		

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	0.5 μg/mL	See Below

DATA



Detection of Human and Mouse RSK by Western Blot. Western blot shows lysates of HeLa human cervical epithelial carcinoma cell line, HepG2 human hepatocellular carcinoma cell line, KG-1 human acute myelogenous leukemia cell line, TS1 mouse helper T cell line, and C2C12 mouse myoblast cell line. PVDF membrane was probed with 0.5 $\mu g/mL$ of Human/Mouse/Rat RSK Pan Specific, Antigen Affinity-purified Polyclonal Antibody (Catalog # AF2056) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). A specific band was detected for RSK Pan Specific, at approximately 90 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND	STORAGE
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Reconstitution Reconstitute at 0.2 mg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 6 months, -20 to -70 °C under sterile conditions after reconstitution

BACKGROUND

This peptide sequence is identical to amino acids 162-184 of human RSK3 (RPS6KA2). The sequence differs at one position from amino acids 165-187 of human RSK1 (RPS6KA1) and at two positions from amino acids 176-198 of human RSK4 (RPS6KA6). The immunogen is also highly homologous to the corresponding sequences of mouse and rat RSK family isoforms.

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