Human/Mouse/Rat RSK1 Antibody

Antigen Affinity-purified Polyclonal Rabbit IgG
Catalog Number: AF992

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects human, rat and mouse RSK1. This antibody does not detect recombinant human RSK2.
Source	Polyclonal Rabbit IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human RSK1 Accession # Q15418
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 as a 0.2 µm filtered solution in PBS.

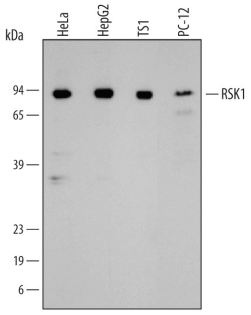
APPLICATIONS

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	0.2 µg/mL	See Below
Immunohistochemistry	5-15 µg/mL	See Below

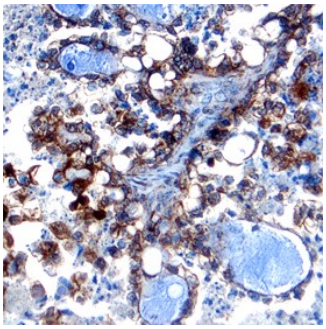
DATA

Western Blot



Detection of Human/Mouse/Rat RSK1 by Western Blot. Western blot shows lysates of HeLa human cervical epithelial carcinoma cell line, HepG2 human hepatocellular carcinoma cell line, TS1 mouse helper T cell line, and PC-12 rat adrenal pheochromocytoma cell line. PVDF membrane was probed with 0.2 µg/mL of Human/Mouse/Rat RSK1 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF992) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). A specific band was detected for RSK1 at approximately 90 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

Immunohistochemistry



RSK1 in Human Ovarian Cancer Tissue. RSK1 was detected in immersion fixed paraffin-embedded sections of human ovarian cancer tissue using Human/Mouse/Rat RSK1 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF992) at 5 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Rabbit HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS005) and counterstained with hematoxylin (blue). View our protocol for Chromogenic IHC Staining of Paraffin-embedded Tissue Sections.

PREPARATION AND STORAGE

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
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 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.

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