



Anti-RPS6KA2 (aa 676-689) polyclonal antibody (DPABH-04478)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Serine/threonine-protein kinase that acts downstream of ERK (MAPK1/ERK2 and MAPK3/ERK1) signaling and mediates mitogenic and stress-induced activation of transcription factors, regulates translation, and mediates cellular proliferation, survival, and differentiation. May function as tumor suppressor in epithelial ovarian cancer cells.
Specificity	DPABH-04478 is expected to recognize both reported isoforms (NP_066958.2; NP_001006933.1).
Immunogen	Synthetic peptide: C-EYLSPNQLSRQDVH, corresponding to C terminal amino acids 676-689 of Human RSK3 (NP_066958.2).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Rat
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	200 µl
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide

Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	RPS6KA2 ribosomal protein S6 kinase, 90kDa, polypeptide 3 [Homo sapiens]
Official Symbol	RPS6KA2
Synonyms	RPS6KA2; ribosomal protein S6 kinase, 90kDa, polypeptide 2; RSK; HU-2; RSK3; p90-RSK3; pp90RSK3; MAPKAPK1C; S6K-alpha; S6K-alpha2; ribosomal protein S6 kinase alpha-2; RSK-3; p90RSK2; p90-RSK 2; MAPKAPK-1c; S6K-alpha-2; MAPKAP kinase 1c; ribosomal S6 kinase 3; MAPK-activated protein kinase 1c; ribosomal protein S6 kinase alpha 2; 90 kDa ribosomal protein S6 kinase 2; MAP kinase-activated protein kinase 1c; ribosomal protein S6 kinase 90kDa polypeptide 2;
Entrez Gene ID	6196
Protein Refseq	NP_001006933.1
UniProt ID	Q15349
Pathway	Activated TLR4 signalling; Axon guidance; CREB phosphorylation through the activation of Ras; Cellular responses to stress
Function	ATP binding; magnesium ion binding; protein binding; protein serine/threonine kinase activity