



# Anti-RPS6KA6 (aa 636-745) polyclonal antibody (DPAB-DC1374)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of ribosomal S6 kinase family, serine-threonine protein kinases which are regulated by growth factors. The encoded protein may be distinct from other members of this family, however, as studies suggest it is not growth factor dependent and may not participate in the same signaling pathways.
<b>Immunogen</b>	RPS6KA6 (NP_055311.1, 636 a.a. ~ 745 a.a) partial recombinant protein with GST tag. The sequence is RIGNGKFSLSGGNWDNISDGAKDLLSHMLHMDPHQRYTAEQILKHSWITHRDQLPNDQPK RNDVSHVVKGAMVATYSALTHKTFQPVLEPVAASSLAQRRSMKKRTSTGL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">RPS6KA6 ribosomal protein S6 kinase, 90kDa, polypeptide 6 [ Homo sapiens (human) ]</a>
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<b>Official Symbol</b>	RPS6KA6
<b>Synonyms</b>	RPS6KA6; ribosomal protein S6 kinase, 90kDa, polypeptide 6; RSK4; PP90RSK4; ribosomal protein S6 kinase alpha-6; RSK-4; p90RSK6; p90-RSK 6; S6K-alpha 6; S6K-alpha-6; ribosomal S6 kinase 4; 90 kDa ribosomal protein S6 kinase 6;
<b>Entrez Gene ID</b>	<a href="#">27330</a>
<b>Protein Refseq</b>	<a href="#">NP_055311</a>
<b>UniProt ID</b>	<a href="#">Q9UK32</a>
<b>Chromosome Location</b>	Xq21
<b>Pathway</b>	Activation of NMDA receptor upon glutamate binding and postsynaptic events; CREB phosphorylation through the activation of Ras; Developmental Biology; L1CAM interactions
<b>Function</b>	ATP binding; magnesium ion binding; protein kinase activity; protein serine/threonine kinase activity

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