



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

Antigen Description	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.
Immunogen	RPS6KA6 (NP_055311.1, 636 a.a. ~ 745 a.a) partial recombinant protein with GST tag. The sequence is RIGNGKFSLSGGNWDNISDGAKDLLSHMLHMDPHQRYTAEQILKHSWITHRDQLPNDQPK RNDVSHVVKGAMVATYSALTHKTFQPVLEPVAASSLAQRRSMKKRTSTGL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [RPS6KA6 ribosomal protein S6 kinase, 90kDa, polypeptide 6 \[Homo sapiens \(human\) \]](#)

Official Symbol	RPS6KA6
Synonyms	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;
Entrez Gene ID	27330
Protein Refseq	NP_055311
UniProt ID	Q9UK32
Chromosome Location	Xq21
Pathway	Activation of NMDA receptor upon glutamate binding and postsynaptic events; CREB phosphorylation through the activation of Ras; Developmental Biology; L1CAM interactions
Function	ATP binding; magnesium ion binding; protein kinase activity; protein serine/threonine kinase activity