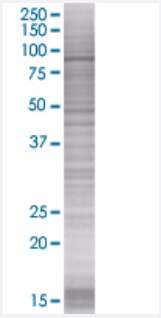
RPS6KA3 293T Cell Transient Overexpression Lysate(Denatured)

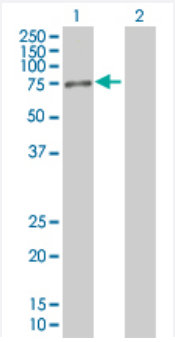
Catalog # H00006197-T01 Size 100 uL

Applications



SDS-PAGE Gel

RPS6KA3 transfected lysate



Western Blot

Lane 1: RPS6KA3 transfected lysate (83.8 KDa).
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RPS6KA3 full-length
Host	Human
Theoretical MW (kDa)	83.8
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-RPS6KA3 antibody (H00006197-B01) by Western Blots. SDS-PAGE Gel RPS6KA3 transfected lysate Western Blot Lane 1: RPS6KA3 transfected lysate (83.8 KDa). Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — RPS6KA3

Entrez GeneID	6197
GeneBank Accession#	BC096303
Protein Accession#	AAH96303
Gene Name	RPS6KA3
Gene Alias	CLS, HU-3, ISPK-1, MAPKAPK1B, MRX19, RSK, RSK2, S6K-alpha3, p90-RSK2, pp90RSK2
Gene Description	ribosomal protein S6 kinase, 90kDa, polypeptide 3
Omim ID	300075 303600
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Mutations in this gene have been associated with Coffin-Lowry syndrome (CLS). [provided by RefSeq
Other Designations	OTTHUMP00000023036|insulin-stimulated protein kinase 1|mental retardation, X-linked 19|ribosomal protein S6 kinase, 90kD, polypeptide 3

Pathway

- Long-term potentiation
- MAPK signaling pathway
- mTOR signaling pathway

- Neurotrophin signaling pathway

Disease

- Head and Neck Neoplasms
- Neoplasm Recurrence
- Neoplasms