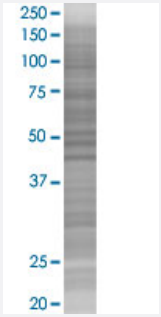
RPS6KB2 293T Cell Transient Overexpression Lysate(Denatured)

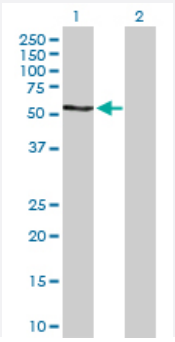
Catalog # H00006199-T04 Size 100 uL

Applications



SDS-PAGE Gel

RPS6KB2 transfected lysate.



Western Blot

Lane 1: RPS6KB2 transfected lysate (53.40 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RPS6KB2 partial fragment
Host	Human
Theoretical MW (kDa)	53.4
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-RPS6KB2 antibody (H00006199-D02P) by Western Blots. SDS-PAGE Gel RPS6KB2 transfected lysate. Western Blot Lane 1: RPS6KB2 transfected lysate (53.40 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 — RPS6KB2

Entrez GeneID	6199
GeneBank Accession#	BC006106.1
Protein Accession#	AAH06106.3
Gene Name	RPS6KB2
Gene Alias	KLS, P70-beta, P70-beta-1, P70-beta-2, S6K-beta2, S6K2, SRK, STK14B, p70(S6K)-beta, p70 S6Kb
Gene Description	ribosomal protein S6 kinase, 70kDa, polypeptide 2
Omim ID	608939
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 nonidentical kinase catalytic domains and phosphorylates the S6 ribosomal protein and eucaryotic translation initiation factor 4B (eIF4B). Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation. [provided by RefSeq
Other Designations	S6 kinase-related kinase|p70 ribosomal S6 kinase beta|ribosomal protein S6 kinase, 70kD, polypeptide 2|serine/threonine-protein kinase 14 beta

Pathway

- Acute myeloid leukemia
- ErbB signaling pathway
- Fc gamma R-mediated phagocytosis

- Insulin signaling pathway
- mTOR signaling pathway
- TGF-beta signaling pathway

Disease

- Head and Neck Neoplasms
- Neoplasm Recurrence
- Neoplasms