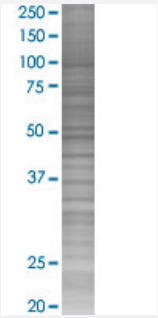
RPS27A 293T Cell Transient Overexpression Lysate(Denatured)

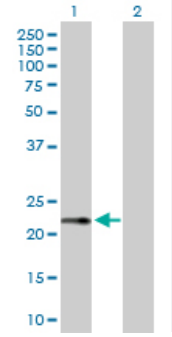
Catalog # H00006233-T02 Size 100 uL

Applications



SDS-PAGE Gel

RPS27A transfected lysate.



Western Blot

Lane 1: RPS27A transfected lysate (18.00 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RPS27A full-length
Host	Human
Theoretical MW (kDa)	18
Interspecies Antigen Sequence	Mouse (99)

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Quality Control Testing	Transient overexpression cell lysate was tested with Anti-RPS27A antibody (H00006233-D01P) by Western Blots. SDS-PAGE Gel RPS27A transfected lysate. Western Blot Lane 1: RPS27A transfected lysate (18.00 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% Bro mophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — RPS27A

Entrez GeneID	6233
GeneBank Accession#	NM_002954.3
Protein Accession#	NP_002945.1
Gene Name	RPS27A
Gene Alias	CEP80, HUBCEP80, UBA80, UBCEP1, UBCEP80
Gene Description	ribosomal protein S27a
Omim ID	191343
Gene Ontology	Hyperlink

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Gene Summary	Ubiquitin, a highly conserved protein that has a major role in targeting cellular proteins for degradation by the 26S proteosome, is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin fused to an unrelated protein. This gene encodes a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein S27a at the C terminus. When expressed in yeast, the protein is post-translationally processed, generating free ubiquitin monomer and ribosomal protein S27a. Ribosomal protein S27a is a component of the 40S subunit of the ribosome and belongs to the S27AE family of ribosomal proteins. It contains C4-type zinc finger domains and is located in the cytoplasm. Pseudogenes derived from this gene are present in the genome. As with ribosomal protein S27a, ribosomal protein L40 is also synthesized as a fusion protein with ubiquitin; similarly, ribosomal protein S30 is synthesized as a fusion protein with the ubiquitin-like protein fubi. Multiple alternatively spliced transcript variants that encode the same proteins have been identified.[provided by RefSeq
Other Designations	40S ribosomal protein S27a|ubiquitin and ribosomal protein S27a|ubiquitin carboxyl extension protein 80|ubiquitin-CEP80

Pathway

- Ribosome

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