

RPS27A polyclonal antibody (A01)

Catalog # H00006233-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant RPS27A.
Immunogen	RPS27A (AAH01392, 1 a.a. ~ 156 a.a) full-length recombinant protein with GST tag.
Sequence	MQIFVKLTGKTTITLEVEPSDTIENVKAKIQDKEGIPPDQQRLIFAGKQLEDGRTLSDYNIQKESTLHL VLRLRGGAKKRKKKSYTTPKKNKHKRKKVKLAVLKYYKVDENGKISRLRRECPSDECGAGVFMA SHFDRHYCGKCCLTYCFNKPEDK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99)
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — RPS27A

Entrez GeneID	6233
GeneBank Accession#	BC001392
Protein Accession#	AAH01392

Gene Name	RPS27A
Gene Alias	CEP80, HUBCEP80, UBA80, UBCEP1, UBCEP80
Gene Description	ribosomal protein S27a
Omim ID	191343
Gene Ontology	Hyperlink
Gene Summary	<p>Ubiquitin, a highly conserved protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome, 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]</p>
Other Designations	40S ribosomal protein S27a ubiquitin and ribosomal protein S27a ubiquitin carboxyl extension protein 80 ubiquitin-CEP80

Pathway

- [Ribosome](#)