

RPSA polyclonal antibody (A01)

Catalog # H00003921-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant RPSA.
Immunogen	RPSA (NP_002286, 196 a.a. ~ 295 a.a) partial recombinant protein with GST tag.
Sequence	EVMPDLFYRDPEEIEKEEQAAAEKAVTKKEEFQGEWTAPAPEFTATQPEVADWSEGVQVPSVPI QQFPTEDWSAQPATEDWSAAPTAAQATEWVGATTDWS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — RPSA

Entrez GeneID	3921
GeneBank Accession#	NM_002295
Protein Accession#	NP_002286
Gene Name	RPSA

Gene Alias	37LRP, 67LR, LAMBR, LAMR1, LRP, p40
Gene Description	ribosomal protein SA
Omim ID	150370
Gene Ontology	Hyperlink
Gene Summary	<p>Laminins, a family of extracellular matrix glycoproteins, are the major noncollagenous constituent of basement membranes. They have been implicated in a wide variety of biological processes including cell adhesion, differentiation, migration, signaling, neurite outgrowth and metastasis. Many of the effects of laminin are mediated through interactions with cell surface receptors. These receptors include members of the integrin family, as well as non-integrin laminin-binding proteins. This gene encodes a high-affinity, non-integrin family, laminin receptor 1. This receptor has been variously called 67 kD laminin receptor, 37 kD laminin receptor precursor (37LRP) and p40 ribosome-associated protein. The amino acid sequence of laminin receptor 1 is highly conserved through evolution, suggesting a key biological function. It has been observed that the level of the laminin receptor transcript is higher in colon carcinoma tissue and lung cancer cell line than their normal counterparts. Also, there is a correlation between the upregulation of this polypeptide in cancer cells and their invasive and metastatic phenotype. Multiple copies of this gene exist, however, most of them are pseudogenes thought to have arisen from retropositional events. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]</p>
Other Designations	67kD, ribosomal protein SA laminin receptor 1 (67kD, ribosomal protein SA)

Pathway

- [Ribosome](#)