



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## RPSA polyclonal antibody (A01)

Catalog # : H00003921-A01

規格 : [ 50 uL ]

List All

Specification	Application Image
<b>Product Description:</b> Mouse polyclonal antibody raised against a partial recombinant RPSA.	ELISA
<b>Immunogen:</b> RPSA (NP_002286, 196 a.a. ~ 295 a.a) partial recombinant protein with GST tag.	
<b>Sequence:</b> EVMPDLYFYRDPPEEIEKKEEQAAA EKAVTKKEEFQGEWTAPAPEFTATQPE VADWSEGVQVPSVPIQQFPTEDWSAQPATEDWSAAPTAQATEWVGAT TDWS	
<b>Host:</b> Mouse	
<b>Reactivity:</b> Human	
<b>Quality Control Testing:</b> Antibody Reactive Against Recombinant Protein.	
<b>Storage Buffer:</b> 50 % glycerol	
<b>Storage Instruction:</b> Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.	
<b>MSDS:</b>  <a href="#">Download</a>	
<b>Datasheet:</b>  <a href="#">Download</a>	
<b>Applications</b>	
ELISA	
<b>Gene Information</b>	
<b>Entrez GeneID:</b> <a href="#">3921</a>	
<b>GeneBank Accession#:</b> <a href="#">NM_002295</a>	
<b>Protein Accession#:</b> <a href="#">NP_002286</a>	
<b>Gene Name:</b> RPSA	
<b>Gene Alias:</b> 37LRP,67LR,LAMBR,LAMR1,LRP,p40	
<b>Gene Description:</b> ribosomal protein SA	
<b>Omim ID:</b> <a href="#">150370</a>	
<b>Gene Ontology:</b> <a href="#">Hyperlink</a>	

**Gene Summary:** 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]

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**Other Designations:** 67kD, ribosomal protein SA,laminin receptor 1 (67kD, ribosomal protein SA)

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### Gene Pathway

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[Ribosome](#)

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