

DNAXPAb

Hard-to-Find  
Antibody

# RPSA DNAXPab

Catalog # H00003921-W01P

Size 200 ug

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human RPSA DNA using DNAX™ Immune technology.
<b>Technology</b>	<a href="#">DNAX™ Immune</a>
<b>Immunogen</b>	Full-length human DNA
<b>Sequence</b>	MSGALDVLQMKEEDVLKFLAAGTHLGGTNLDFQMEQYYKRKSDGYIINLKRTWEKLLLAARAVAI ENPADVSVISSRNTGQRAVLKFAAATGATPIAGRFTPGFTNQQAAAFREPRLLVVTDPRAHQPL TEASYVNLPTIALCNTDSPLRYVDIAPCNNGAHSVGLMWWMLAREVLRMRGTISREHPWEVMP DLYFYRDPEEIEKEEQAAAEKAVTKEEFQGEWTAPAEFTATQPEVADWSEGVQVPSVPIQQFP TEDWSAQPATEDWSAAPTAQATEWVGATTDWS
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — RPSA

Entrez GeneID [3921](#)

GeneBank Accession# [NM\\_001012321.1](#)

Protein Accession# [NP\\_001012321.1](#)

Gene Name RPSA

Gene Alias 37LRP, 67LR, LAMBR, LAMR1, LRP, p40

Gene Description ribosomal protein SA

Omim ID [150370](#)

Gene Ontology [Hyperlink](#)

**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]

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

## Pathway

- [Ribosome](#)