

Rabbit RPSA Polyclonal Antibody | anti-RPSA antibody

RPSA Rabbit Polyclonal Antibody

CATALOG # AAA314197	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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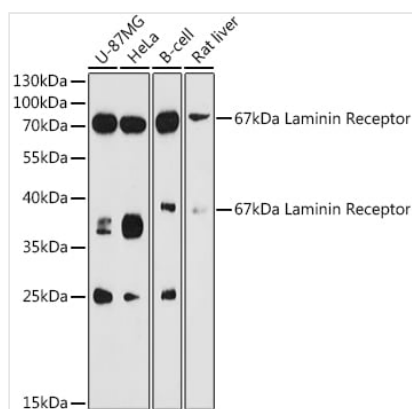
PRODUCT SYNONYMS

RPSA; Polyclonal Antibody; RPSA Rabbit Polyclonal Antibody; 37LRP; 67LR; ICAS; LAMBR; LAMR1; LBP; LBP/p40; LRP; LRP/LR; NEM/1CHD4; SA; lamR; p40; anti-RPSA antibody

PRODUCT SPECIFICATIONS

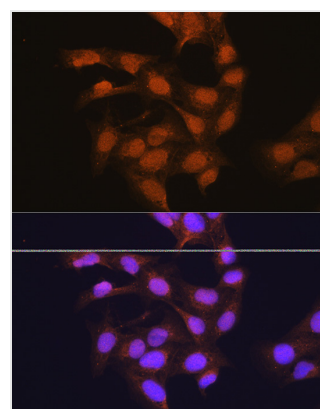
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-RPSA antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human 67kDa Laminin Receptor (NP_002286.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



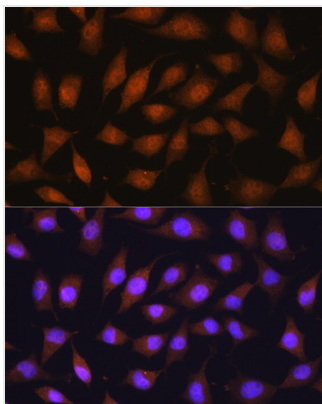
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using 67kDa Laminin Receptor antibody.



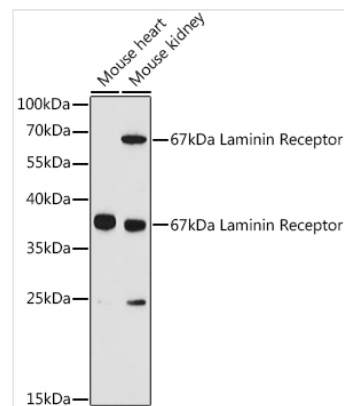
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using 67kDa Laminin Receptor Rabbit pAb.



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using 67kDa Laminin Receptor Rabbit pAb.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using 67kDa Laminin Receptor antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPSA antibody

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.

Product Categories/Family for anti-RPSA antibody

[Primary Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9845502
NCBI GeneID	3921
NCBI Accession #	NP_002286
NCBI GenBank Nucleotide #	NM_002295.5
UniProt Accession #	P08865 ; P11085 ; P12030 ; Q16471 ; Q6IPD1 ; Q6IPD2 ; Q6NSD1 ; Q6NXQ8 ; Q86VC0
Molecular Weight	Predicted: 32 kDa Observed: 38 kDa
NCBI Official Full Name	40S ribosomal protein SA isoform 1
NCBI Official Synonym Full Names	ribosomal protein SA
NCBI Official Symbol	RPSA
NCBI Official Synonym Symbols	SA; LBP; LRP; p40; 67LR; ICAS; lamR; 37LRP; LAMBR; LAMR1; LRP/LR; LBP/p40; NEM/1CHD4
NCBI Protein Information	40S ribosomal protein SA; 37 kDa laminin receptor; 67 kDa laminin receptor; 37/67 kDa laminin receptor; laminin-binding protein precursor p40; colon carcinoma laminin-binding protein; laminin receptor 1 (67kD, ribosomal protein SA); multidrug resistance-a
UniProt Protein Name	40S ribosomal protein SA

UniProt Gene Name	RPSA
UniProt Entry Name	RSSA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rpsa-antibody-immunofluorescence-western-blot-elisa/314197>