Rabbit anti-Human, Mouse RPSA Polyclonal Antibody | anti-RPSA antibody

RPSA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40718	**Rabbit**	**Human, Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

RPSA; Polyclonal Antibody; RPSA Antibody; SA; LBP; LRP; p40; 67LR; ICAS; lamR; 37LRP; LAMBR; LAMR1; LRP/LR; LBP/p40; NEM/1CHD4; 40S ribosomal protein SA; 37 kDa laminin receptor precursor; ribosomal protein SA; anti-RPSA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	RPSA antibody is human, mouse and rat reactive.
Purity/Purification	RPSA antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	295
Applicable Applications for anti-RPSA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	RPSA antibody was raised against a 17 amino acid peptide near the carboxy terminus of human RPSA.
Buffer	RPSA antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	RPSA antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES

IF (Immunofluorescence)
Immunofluorescence of RPSA in mouse brain tissue with RPSA Antibody at 20 μg/mL.Green: RPSA antibody (7605)Red: Phylloidin stainingBlue: DAPI staining

IHC (Immunohistochemistry)
Immunohistochemistry of RPSA in mouse brain tissue with RPSA Antibody at 5 μg/mL.

IF (Immunofluorescence)
Immunofluorescence of RPSA in mouse liver tissue with RPSA antibody at 20 μg/mL.

IHC (Immunohiostchemistry)
Immunohistochemistry of RPSA in mouse liver tissue with RPSA antibody at 5 μg/mL.

WB (Western Blot)
Western blot analysis of RPSA in Caco-2 cell lysate with RPSA antibody at 1 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-RPSA antibody	The 40S ribosomal protein SA (RPSA) is a high-affinity, non-integrin family, laminin receptor, also known as 67 kDa laminin receptor or 37 kDa laminin receptor precursor (37LRP) (1). Laminins, a family of extracellular matrix glycoproteins, are the major noncollagenous constituent of basement membranes and have been implicated in a variety of biological processes including cell adhesion, differentiation, migration, signaling, neurite outgrowth and metastasis (2). RPSA is overexpressed in multiple types of cancers and has recently been shown to act as a cancer-specific death receptor (3).

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-associated protein MGr1-Ag
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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