

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

RPSA Antibody

CATALOG # AAA306264	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total RPSA protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.6 mg/ml (varies by lot)
Sequence Length	300
Applicable Applications for anti-RPSA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	RPSA
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/60.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): A549, NIH/3T3 and 293T cell -human hepatocellular carcinoma tissue and hela cell Amount of lysate: 40ug per lane Primary antibody: 1/433.3 dilution Secondary antibody dilution: 1/8000 Exposure time: 15 seconds

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	747165389
NCBI GeneID	3921
NCBI Accession #	NP_001291217.1
NCBI GenBank Nucleotide #	NM_001304288.1
UniProt Accession #	P08865; P11085; P12030; Q16471; Q6IPD1; Q6IPD2; Q6NSD1; Q6NXQ8; Q86VC0
Molecular Weight	32,854 Da
NCBI Official Full Name	40S ribosomal protein SA isoform 2
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
UniProt Protein Name	40S ribosomal protein SA
UniProt Gene Name	RPSA
UniProt Synonym Gene Names	37LRP; LRP/LR; 67LR; LamR; LBP/p40
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://stage.aaabiotech.com/polyclonal/rpsa-antibody-immunohistochemistry-western-blot-elisa/306264>