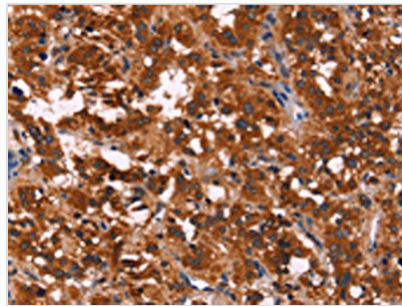


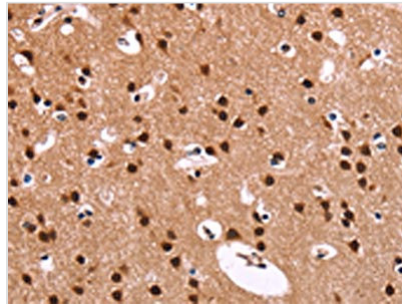


RPSA Antibody

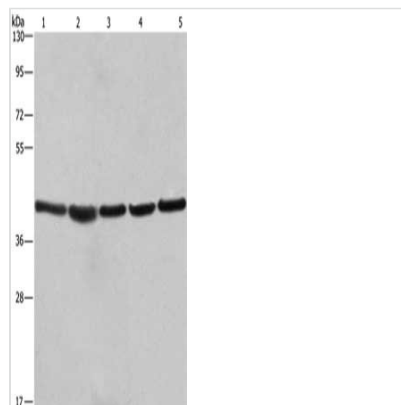
Product Code	CSB-PA937841
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P08865
Immunogen	Fusion protein of Human RPSA
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IHC;ELISA:1:2000-1:5000,WB:1:500-1:2000,IHC:1:100-1:300
Relevance	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
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Alias	ribosomal protein SA
Species	Homo sapiens (Human)
Target Names	RPSA
Image	



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CSB-PA937841(RPSA Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: $\times 200$)



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using CSB-PA937841(RPSA Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: $\times 200$)



Gel: 10%SDS-PAGE, Lysate: 40 μ g, Lane 1-5: A549 cells, NIH/3T3 cells, 293T cells, human hepatocellular carcinoma tissue, hela cells, Primary antibody: CSB-PA937841(RPSA Antibody) at dilution 1/433.3, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 15 seconds