

Datasheet for ABIN7091650
anti-RPSA/Laminin Receptor antibody



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Overview

Quantity:	100 µL
Target:	RPSA/Laminin Receptor (RPSA)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This RPSA/Laminin Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RPSA
Clone:	6HD2
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse
Purification:	Purified by Protein A.

Target Details

Target:	RPSA/Laminin Receptor (RPSA)
Alternative Name:	RPSA (RPSA Products)

Target Details

Background: Synonyms: 67 kDa Laminin Receptor, 37LRP, P37- kDa laminin receptor precursor, MGr1-Ag, laminin receptor 1, 67kD, ribosomal protein SA, 34/67 kDa laminin receptor, 40S ribosomal protein SA, 67LR, Colon carcinoma laminin-binding protein, LAMBR, Laminin Receptor 1, LAMR 1, LAMR1, LRP, Multidrug resistance-associated protein MGr1-Ag, NEM/1CHD4, p40, Ribosomal Protein SA, 67kD laminin receptor, Laminin Receptor 1, Laminin R1, LNR1, RSSA_HUMAN.

Background: 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, Jul 2008]

Gene ID: 3921

UniProt: [P08865](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [Ribosome Assembly](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF()
ICC 1:100-500

Restrictions: For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months