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Anti-RPSA / Laminin Receptor Antibody (aa166-215)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18097

Product Information

Application	WB, IHC-P, E
Primary Accession	P08865
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	32854

Additional Information

Gene ID	3921
Alias Symbol	RPSA
Other Names	RPSA, 37 kDa laminin receptor, 37LRP, 40S ribosomal protein SA, 67LR, 67 kDa laminin receptor, 37/67 kDa laminin receptor, 67kD, ribosomal protein SA, LAMR1, LAMBR, Laminin receptor 1, LamR, NEM/1CHD4, SA, LRP/LR, Laminin binding protein, Laminin Rec ...
Target/Specificity	Laminin-R antibody detects endogenous levels of Laminin-R.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-RPSA / Laminin Receptor Antibody (aa166-215) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RPSA {ECO:0000255|HAMAP-Rule:MF_03016}
Synonyms	LAMBR, LAMR1
Function	Required for the assembly and/or stability of the 40S ribosomal subunit. Required for the processing of the 20S rRNA- precursor to mature 18S rRNA in a late step of the maturation of 40S ribosomal subunits. Also functions as a cell surface receptor for laminin. Plays a role in cell adhesion to the basement membrane and in the consequent activation of signaling transduction pathways. May play a role in cell fate determination and tissue morphogenesis. Acts as a PPP1R16B-dependent substrate of PPP1CA.
Cellular Location	Cell membrane. Cytoplasm. Nucleus {ECO:0000255|HAMAP-Rule:MF_03016}. Note=67LR is found at the surface of the plasma membrane, with its

C-terminal laminin-binding domain accessible to extracellular ligands. 37LRP is found at the cell surface, in the cytoplasm and in the nucleus (By similarity) Colocalizes with PPP1R16B in the cell membrane. {ECO:0000255|HAMAP-Rule:MF_03016}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.