

Datasheet for ABIN1574218
anti-RPSA/Laminin Receptor antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	40 µg
Target:	RPSA/Laminin Receptor (RPSA)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPSA/Laminin Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	KLH-coupled synthetic peptide from C-terminal of 67kDa Laminin Receptor
Isotype:	IgG
Specificity:	67kDa Laminin Receptor Antibody, pAb, Rabbit detects endogenous levels of human 67kDa Laminin Receptor. Positive Control: HeLa, HEK293 and MCF-7
Purification:	Immunoaffinity chromatography

Target Details

Target:	RPSA/Laminin Receptor (RPSA)
Abstract:	RPSA Products
Background:	67kDa Laminin Receptor has multiple biological activities which are mediated through its

Target Details

interaction with specific cell membrane receptors. The receptor is required for the assembly and/or stability of the 40S ribosomal subunit. 67kDa Laminin Receptor participates in the processing of the 20S rRNA-precursor to mature 18S rRNA in a late step of the maturation of 40S ribosomal subunits. It also functions as a cell surface receptor for laminin and plays a role in cell adhesion to the basement membrane in the consequent activation of signaling transduction pathways. Overexpression of 67kDa Laminin Receptor is reportedly an independent prognostic factor in breast cancer and correlates with the dissemination of the tumor cells in bone marrow. 67kDa Laminin Receptor Antibody, pAb, Rabbit is developed in rabbit using a KLH-coupled synthetic peptide from C-terminal of 67kDa Laminin Receptor (Swiss Prot: P08865).

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

Application Details

Application Notes: Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Western blot: 0.5-1 µg/mL Immunoprecipitation (IP): 2-10 µg/mg of lysate Other Applications: user optimized.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4, containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: **WARNING:** Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling

Storage: 4 °C/-20 °C

Storage Comment: The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.