

# Anti-67kDa Laminin Receptor RPSA Rabbit Monoclonal Antibody

Catalog # ABO14294

## Product Information

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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC, IF, ICC, IP, FC                                                                                                                                               |
| <b>Primary Accession</b> | <a href="#">P08865</a>                                                                                                                                                 |
| <b>Host</b>              | Rabbit                                                                                                                                                                 |
| <b>Isotype</b>           | Rabbit IgG                                                                                                                                                             |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                                                                      |
| <b>Clonality</b>         | Monoclonal                                                                                                                                                             |
| <b>Format</b>            | Liquid                                                                                                                                                                 |
| <b>Description</b>       | Anti-67kDa Laminin Receptor RPSA Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

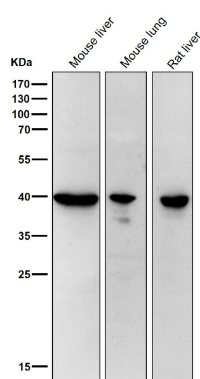
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|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Other Names</b>              | Small ribosomal subunit protein uS2 {ECO:0000255   HAMAP-Rule:MF_03016, ECO:0000303   PubMed:24524803}, 37 kDa laminin receptor precursor {ECO:0000255   HAMAP-Rule:MF_03016}, 37LRP {ECO:0000255   HAMAP-Rule:MF_03016}, 37/67 kDa laminin receptor {ECO:0000255   HAMAP-Rule:MF_03016}, LRP/LR {ECO:0000255   HAMAP-Rule:MF_03016}, 40S ribosomal protein SA, 67 kDa laminin receptor {ECO:0000255   HAMAP-Rule:MF_03016}, 67LR {ECO:0000255   HAMAP-Rule:MF_03016}, Colon carcinoma laminin-binding protein, Laminin receptor 1 {ECO:0000255   HAMAP-Rule:MF_03016}, LamR {ECO:0000255   HAMAP-Rule:MF_03016}, Laminin-binding protein precursor p40 {ECO:0000255   HAMAP-Rule:MF_03016}, LBP/p40 {ECO:0000255   HAMAP-Rule:MF_03016}, Multidrug resistance-associated protein MGr1-Ag, NEM/1CHD4, RPSA {ECO:0000255   HAMAP-Rule:MF_03016}, LAMBR, LAMR1 |
| <b>Calculated MW</b>            | 32854 Da                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Application Details</b>      | WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:50<br>FC 1:50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Subcellular Localization</b> | Cell membrane. Cytoplasm. Nucleus. 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..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

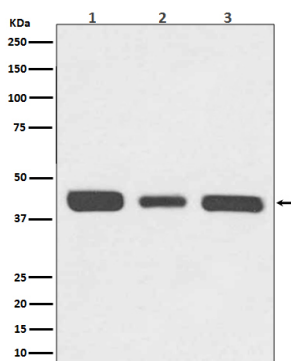
|                     |                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Contents</b>     | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>  | Clone: AOA0-18                                                                                                                             |
| <b>Immunogen</b>    | A synthesized peptide derived from human 67kDa Laminin Receptor                                                                            |
| <b>Purification</b> | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>      | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

## Images



All lanes use the Antibody at 1:6K dilution for 1 hour at room temperature.



Western blot analysis of 67kDa Laminin Receptor expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate; (3) PC-12 cell lysate.

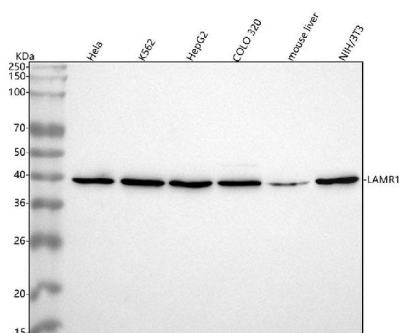


Figure 1. Western blot analysis of 67kDa Laminin Receptor using anti-67kDa Laminin Receptor antibody (M01691).

Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human HeLa whole cell lysates,  
Lane 2: human K562 whole cell lysates,  
Lane 3: human HepG2 whole cell lysates,  
Lane 4: human COLO320 whole cell lysates,  
Lane 5: mouse liver tissue lysates,  
Lane 6: mouse NIH/3T3 whole cell lysates.

After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5

hour at RT. The membrane was incubated with rabbit anti-67kDa Laminin Receptor antigen affinity purified monoclonal antibody (Catalog # M01691) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for 67kDa Laminin Receptor at approximately 40 kDa. The expected band size for 67kDa Laminin Receptor is at 33 kDa.

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