40S ribosomal protein SA Polyclonal Antibody

Catalog No: #42314

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

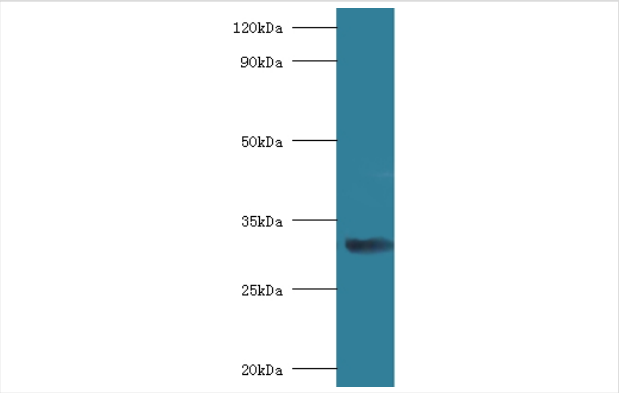
Description

Product Name	40S ribosomal protein SA Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total 40S ribosomal protein SA polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human 40S ribosomal protein SA protein
Target Name	40S ribosomal protein SA
Other Names	37 kDa laminin receptor precursor, 37LRP, 37/67 kDa laminin receptor, LRP/LR, 67 kDa laminin receptor, 67LR, Colon carcinoma laminin-binding protein, Laminin receptor 1, LamR, Laminin-binding protein precursor p40, LBP/p40, Multidrug resistance-associated protein MGr1-Ag, NEM/1CHD4, RPSA, LAMBR, LAM
Accession No.	Swiss-Prot#: P08865
Uniprot	P08865
GeneID	3921;
Calculated MW	33kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:1000

Images



All lanes: 40S ribosomal protein SA antibody at 2ug/ml+mouse small intestine
Secondary
Goat polyclonal to Rabbit IgG at 1/15000 dilution
Predicted band size:33kda
Observed band size:33kda

Background

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. Also acts as a receptor for several other ligands, including the pathogenic prion protein, viruses, and bacteria.

References

[1]"Crystal structure of the human laminin receptor precursor."Jamieson K.V., Wu J., Hubbard S.R., Meruelo D.J. Biol. Chem. 283:3002-3005(2008).[2]"Initial characterization of the human central proteome."Burkard T.R., Planyavsky

Note: This product is for in vitro research use only