40S ribosomal protein S12 Polyclonal Antibody

Catalog No: #42359

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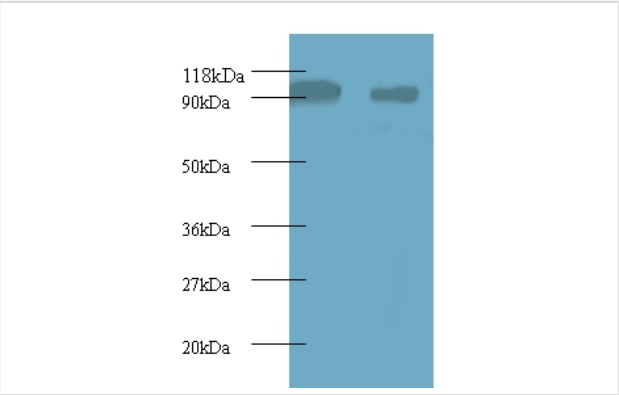
Description

Product Name	40S ribosomal protein S12 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 S12 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human 40S ribosomal protein S12 protein
Target Name	40S ribosomal protein S12
Other Names	RPS12
Accession No.	Swiss-Prot#: P25398
Uniprot	P25398
GeneID	6206;
Calculated MW	14.5kd
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 S12 antibody at 2ug/mlLane 1 : EC109 whole cell lysateLane 2 : 293T whole cell lysate

SecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size : 14.5 kDa
Observed band size: 90kDa

Background

40S ribosomal protein S12 is a protein that in humans is encoded by the RPS12 gene.Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S12E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal cancers compared to matched normal colonic mucosa has been

observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

References

[1] "cDNA and predicted amino acid sequences of the human ribosomal protein genes rpS12 and rpL17."Herault Y., Michel D., Chatelain G., Brun G.Nucleic Acids Res. 19:4001-4001(1991) [2] "The human ribosomal protein genes: sequencing and comparative analy

Note: This product is for in vitro research use only