

ribosomal protein S3a antibody

Catalog No: #22544



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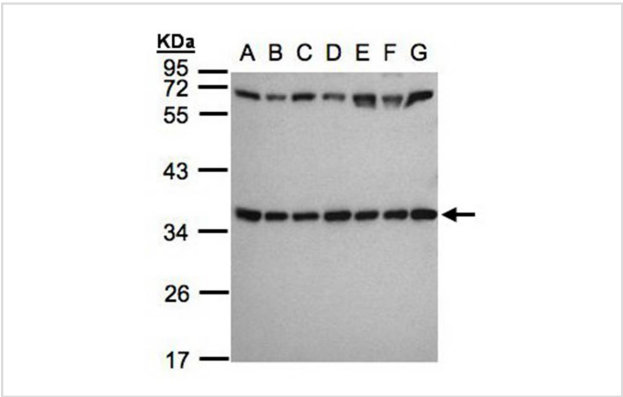
Description

Product Name	ribosomal protein S3a antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 14 and 262 of ribosomal protein S3a
Target Name	ribosomal protein S3a
Accession No.	Swiss-Prot:P61247Gene ID:6189
Uniprot	P61247
GeneID	6189;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

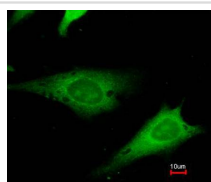
Application Details

Predicted MW: 30kd
Western blotting: 1:500-1:3000
Immunofluorescence: 1:100-1:200

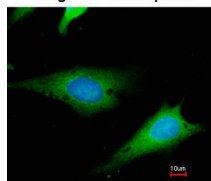
Images



Sample(30 ug whole cell lysate)
A: 293T
B: A431
C: H1299
D: HeLa S3
E: Hep G2
F: MOLT4
G: Raji
12% SDS PAGE
Primary antibody diluted at 1: 1000



Merged with DNA probe



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ribosomal protein S3a antibody at 1: 200 dilution.

Background

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 S3AE family of ribosomal proteins. It is located in the cytoplasm. Disruption of the gene encoding rat ribosomal protein S3a, also named v-fos transformation effector protein, in v-fos-transformed rat cells results in reversion of the transformed phenotype. Transcript variants utilizing alternative transcription start sites have been described. This gene is co-transcribed with the U73A and U73B small nucleolar RNA genes, which are located in its fourth and third introns, respectively. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]

Note: This product is for in vitro research use only