MRPS30 Antibody

Catalog No: #33080

Package Size: #33080-1 50ul   #33080-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

|	
Product Name	MRPS30 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total MRPS30 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human MRPS30 (NP_057724.2).
Target Name	MRPS30
Other Names	MRPS30;MRP-S30;PAP;PDCD9;S30mt
Accession No.	Uniprot:Q9NP92GeneID:10884
SDS-PAGE MW	54kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB   1:500 - 1:2000IF   1:50 - 1:100

Images
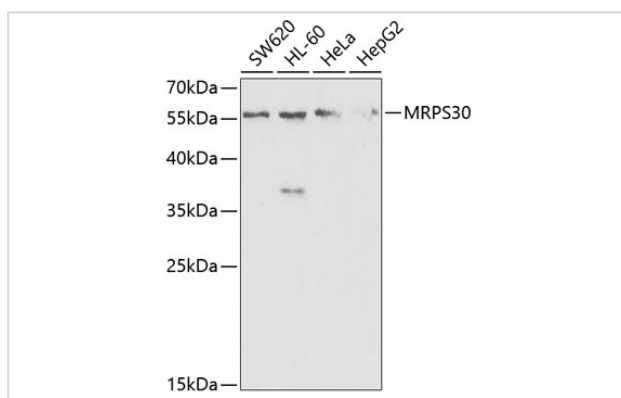
Western blot analysis of extracts of various cell lines, using MRPS30 antibody.
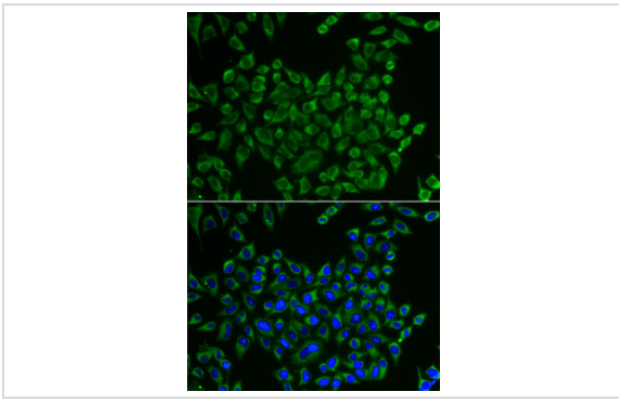
Immunofluorescence analysis of U2OS cells using MRPS30 antibody.

Background

Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that is similar to the chicken pro-apoptotic protein p52. Transcript variants using alternative promoters or polyA sites have been mentioned in the literature but the complete description of these sequences is not available.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.