

For Research Use Only

MRPS31 Polyclonal antibody

Catalog Number: 16288-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

16288-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 307 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9434

GenBank Accession Number:

BC022045

GeneID (NCBI):

10240

UNIPROT ID:

Q92665

Full Name:

mitochondrial ribosomal protein S31

Calculated MW:

395 aa, 45 kDa

Observed MW:

38 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:400-1:1600

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, Jurkat cells, HepG2 cells, MCF-7 cells

IHC : human stomach cancer tissue,

IF/ICC : HeLa cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Juliette Pulman	30566640	Hum Mol Genet	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

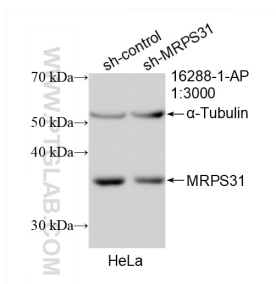
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

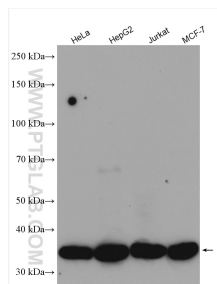
E: proteintech@ptglab.com
W: ptglab.com

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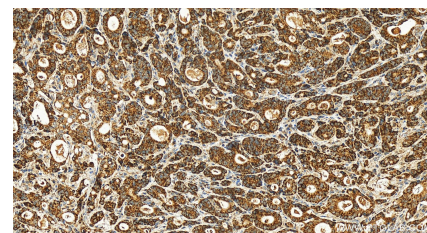
Selected Validation Data



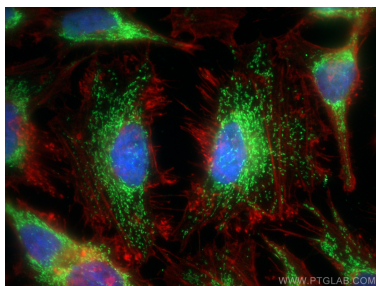
WB result of MRPS31 antibody (16288-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-MRPS31 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 16288-1-AP (MRPS31 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 16288-1-AP (MRPS31 antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MRPS31 antibody (16288-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).