

For Research Use Only

MRPL55 Polyclonal antibody

Catalog Number: 17679-1-AP **1 Publications**



Basic Information

Catalog Number: 17679-1-AP	GenBank Accession Number: BC052806	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 128308	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: mitochondrial ribosomal protein L55	
Isotype: IgG	Calculated MW: 128 aa, 15 kDa	
Immunogen Catalog Number: AG11716	Observed MW: 13 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, IHC : human colon cancer tissue, human kidney tissue
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

Background Information

MRPL55, also named as L55mt and MRP-L55, is a component of the mitochondrial ribosome large subunit (39S). It acts dynamically in the cell during development. The MW of MRPL55 is about 13 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Katarzyna Justyna Chojnacka	35080992	Mol Biol Cell	WB

Storage

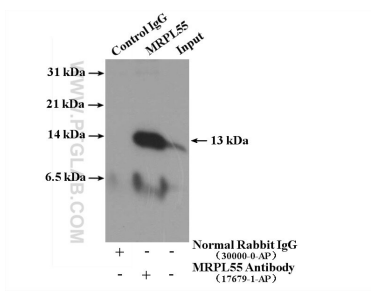
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

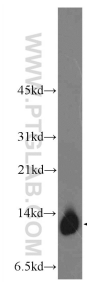
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

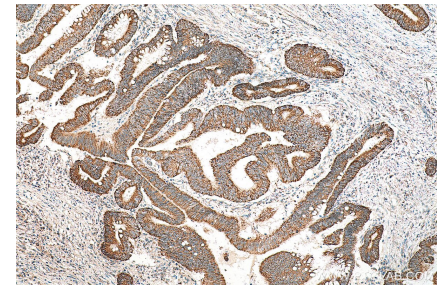
Selected Validation Data



IP result of anti-MRPL55 (IP:17679-1-AP, 4ug;
Detection:17679-1-AP 1:600) with HEK-293 cells
lysate 1680 ug.



HEK-293 cells were subjected to SDS PAGE
followed by western blot with 17679-1-AP (MRPL55
Antibody) at dilution of 1:600 incubated at room
temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-
embedded human colon cancer tissue slide using
17679-1-AP (MRPL55 antibody) at dilution of 1:200
(under 10x lens). Heat mediated antigen retrieval
with Tris-EDTA buffer (pH 9.0).