

For Research Use Only

MRPL55 Polyclonal antibody

Catalog Number: 17679-1-AP

3 Publications



Basic Information

Catalog Number: 17679-1-AP	GenBank Accession Number: BC052806	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 300 ug/ml by Nanodrop and 313 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 128308	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q7Z7F7	
Isotype: IgG	Full Name: mitochondrial ribosomal protein L55	
Immunogen Catalog Number: AG11716	Calculated MW: 128 aa, 15 kDa	
	Observed MW: 13 kDa	

Applications

Tested Applications: WB, IHC, IP, ELISA	Positive Controls: WB : HEK-293 cells, IP : HEK-293 cells, IHC : human colon cancer tissue, human kidney tissue
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	
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
Praveenraj Elanchelivan	39630581	Cell Rep	WB
Liang Wang	37971521	Cell Mol Life Sci	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

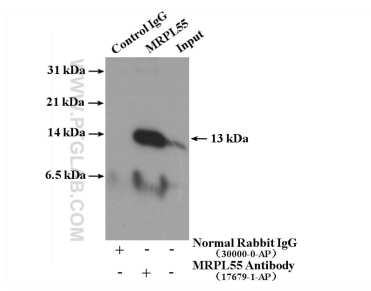
For technical support and original validation data for this product please contact:

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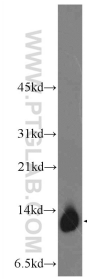
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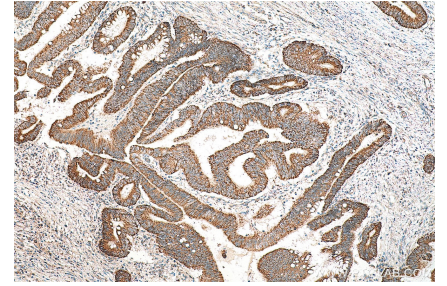
Selected Validation Data



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).