

For Research Use Only

# MRPL49 Polyclonal antibody, PBS Only

Catalog Number:15542-1-PBS



## Basic Information

Catalog Number:

15542-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7898

GenBank Accession Number:

BC004378

GeneID (NCBI):

740

UNIPROT ID:

Q13405

Full Name:

mitochondrial ribosomal protein L49

Calculated MW:

19 kDa

Observed MW:

19 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human

## Background Information

MRPL49, also named as C11orf4, NOF1, or SW-cl.67, is a 166 amino acid protein, which belongs to the ribosomal protein L49em family. MRPL49 localizes in the Mitochondrion and is widely expressed in various tissues. MRPL49 is a regulator of C3 convertase of classical pathway.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

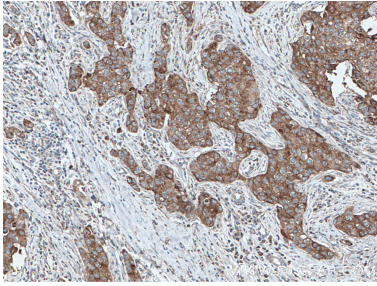
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

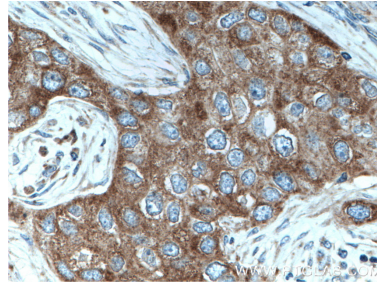
W: [ptgcn.com](http://ptgcn.com)

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

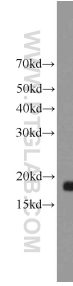
## Selected Validation Data



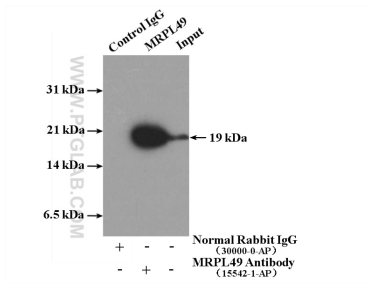
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15542-1-AP (MRPL49 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15542-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15542-1-AP (MRPL49 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15542-1-PBS in a different storage buffer formulation.



BxPC-3 cells were subjected to SDS PAGE followed by western blot with 15542-1-AP (MRPL49 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15542-1-PBS in a different storage buffer formulation.



IP result of anti-MRPL49 (IP:15542-1-AP, 4ug; Detection:15542-1-AP 1:500) with HeLa cells lysate 3360ug. This data was developed using the same antibody clone with 15542-1-PBS in a different storage buffer formulation.