

For Research Use Only

MRPL49 Polyclonal antibody, PBS Only

Catalog Number:15542-1-PBS



Basic Information

Catalog Number:

15542-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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.

Storage Buffer:

PBS only, pH7.3

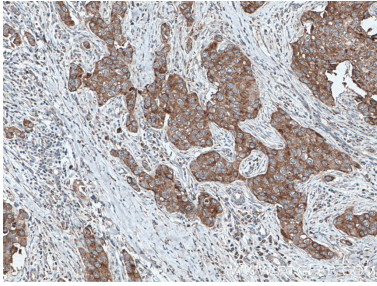
For technical support and original validation data for this product please contact:

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

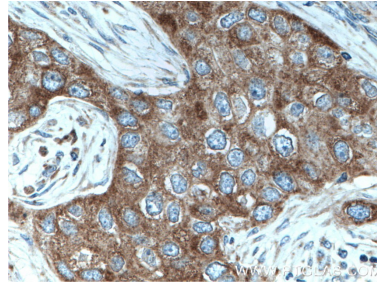
E: proteintech@ptglab.com
W: ptglab.com

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

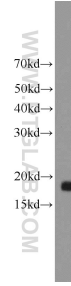
Selected Validation Data



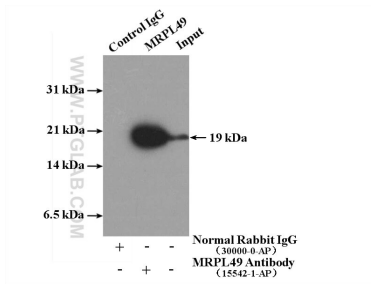
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15542-1-AP (MRPL49 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15542-1-PBS in a different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