

MRPL12 antibody [N1C3]

Cat. No. GTX114731

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, PLA
Reactivity	Human, Mouse

References (2)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
PLA	Assay dependent

Not tested in other applications.

Calculated MW 21 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.56 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human MRPL12. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



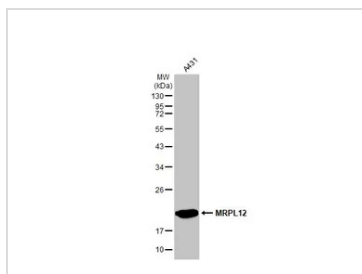
For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

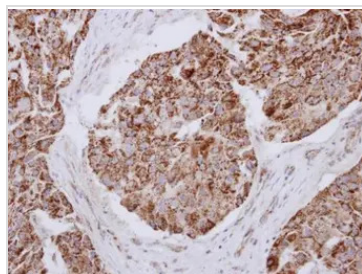
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTx114731 WB Image

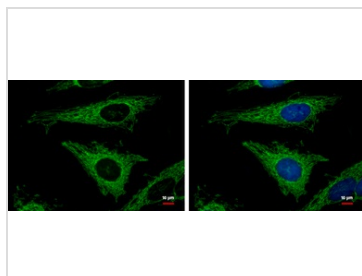
Whole cell extract (30 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with MRPL12 antibody [N1C3] (GTx114731) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx114731 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human breast cancer, using MRPL12(GTx114731) antibody at 1:250 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



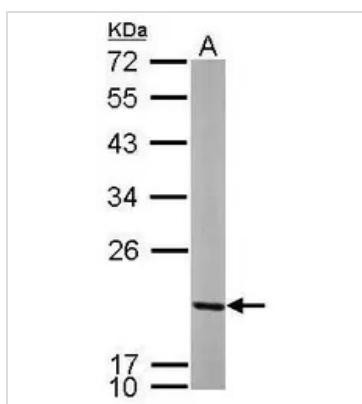
GTx114731 ICC/IF Image

MRPL12 antibody [N1C3] detects MRPL12 protein at mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in 2% paraformaldehyde/culture medium at 37°C for 30 min.

Green: MRPL12 protein stained by MRPL12 antibody [N1C3] (GTx114731) diluted at 1:500.

Blue: Hoechst 33342 staining.



GTx114731 WB Image

Sample (50 µg of whole cell lysate)

A: mouse brain

12% SDS PAGE

GTx114731 diluted at 1:1000



For full product information, images and publications, please visit our [website](https://www.genetex.com).