

Anti-MRPL17 Antibody

Catalog # AP51364

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9NRX2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20050

Additional Information

Gene ID	63875
Other Names	LIP2; 39S ribosomal protein L17 mitochondrial; L17mt; MRP-L17; LYST-interacting protein 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MRPL17. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

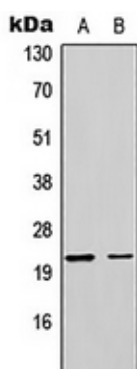
Protein Information

Name	MRPL17
Synonyms	LIP2
Cellular Location	Mitochondrion
Tissue Location	Detected in adrenal gland, mammary gland and adipose tissue.

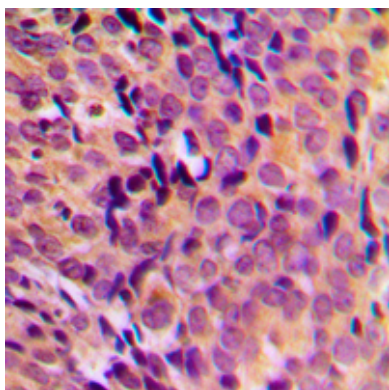
References

Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).
Tchernev V.T.,et al.Mol. Med. 8:56-64(2002).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

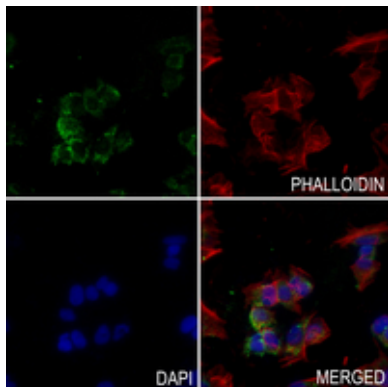
Images



Western blot analysis of MRPL17 expression in U251MG (A), HeLa (B) whole cell lysates. (Predicted band size: 20 kD; Observed band size: 20 kD)



Immunohistochemical analysis of MRPL17 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of MRPL17 staining in HuH7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.