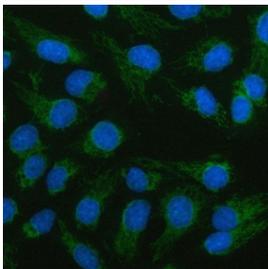


LCMT2 Antibody / Leucine carboxyl methyltransferase 2 (RQ8472)

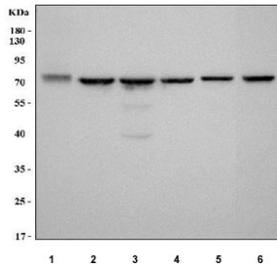
Catalog No.	Formulation	Size
RQ8472	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O60294
Localization	Cytoplasm
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml ELISA : 0.1-0.5ug/ml
Limitations	This LCMT2 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with LCMT2 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HaCaT, 2) human HeLa, 3) human ThP-1, 4) human SH-SY5Y, 5) rat brain and 6) mouse brain tissue lysate with LCMT2 antibody. Predicted molecular weight ~76 kDa.

Description

Leucine carboxyl methyltransferase 2 is an enzyme that in humans is encoded by the LCMT2 gene. The protein encoded by this intronless gene belongs to the highly variable methyltransferase superfamily. This gene is the inferred homolog of the *Saccharomyces cerevisiae* carboxymethyltransferase gene PPM2 that is essential for the synthesis of the hypermodified guanosine Wybutosine (yW).

Application Notes

Optimal dilution of the LCMT2 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids A29-N595) was used as the immunogen for the LCMT2 antibody.

Storage

After reconstitution, the LCMT2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.