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[Primary Antibody]

Rabbit Anti-LCMT1 antibody

Catalog Number: SL6249R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	LCMT1
Immunogen:	KLH conjugated synthetic peptide derived from human LCMT1: 45-150/334
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat)
Predicted MW.:	38kDa
Subcellular Location:	The nucleus cytoplasmic
Background:	LCMT1 catalyzes the methylation of the carboxyl group of the C-terminal leucine residue (leu309) of the catalytic subunit of protein phosphatase-2A (PPP2CA; MIM 176915) **Function:** LCMT1, or leucine carboxyl methyltransferase 1, methylates the carboxyl group of the C-terminal leucine residue of protein phosphatase 2A catalytic subunits (PPP2CA) to form alpha-leucine ester residues. **Similarity:** Belongs to the methyltransferase superfamily. LCMT family. **Database links:** **Entrez Gene:** 51451 Human Omim: 610286 Human **SwissProt:** Q9UIC8 Human **Unigene:** 337730 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.