

LSMD1 Rabbit pAb

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Catalog # AP57081

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BRA0
Reactivity	Rat, Mouse
Predicted	Pig, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13514
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LSMD1
Epitope Specificity	31-125/125
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	LSMD1 is a 125 amino acid protein that is a component of the N-terminal acetyltransferase C (NatC) complex. Composed of MAK10, NAT-12 and LSMD1, the NatC complex catalyzes the acetylation of amino-terminal methionine residues. siRNA knockdown of NatC complex subunits leads to p53-dependent cell death and reduced growth of cell lines. There are two isoforms of LSMD1 that are produced as a result of alternative splicing events.

Additional Information

Gene ID	84316
Other Names	N-alpha-acetyltransferase 38, NatC auxiliary subunit, LSM domain-containing protein 1, Phosphonoformate immuno-associated protein 2, NAA38, LSMD1, MAK31, PFAAP2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

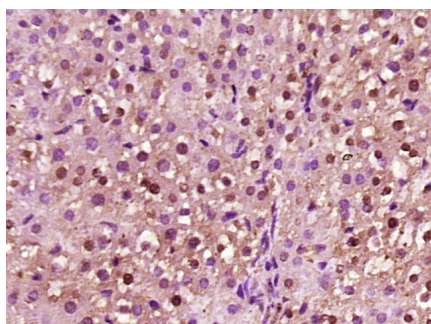
Protein Information

Name	NAA38
Synonyms	LSMD1, MAK31, PFAAP2
Function	Auxillary component of the N-terminal acetyltransferase C (NatC) complex which catalyzes acetylation of N-terminal methionine residues (PubMed: 19398576 , PubMed: 37891180). N-terminal acetylation protects proteins from ubiquitination and degradation by the N-end rule pathway (PubMed: 37891180).
Cellular Location	Cytoplasm. Nucleus

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LSMD1) Polyclonal Antibody, Unconjugated (AP57081) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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