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LACE1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59268

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8WV93
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54845

Additional Information

Gene ID	246269
Other Names	AFG1-like ATPase {ECO:0000312|HGNC:HGNC:16411}, Lactation elevated protein 1, 3.6.-.-, Protein AFG1 homolog, AFG1L (HGNC:16411)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	AFG1L (HGNC:16411)
Function	Putative mitochondrial ATPase. Plays a role in mitochondrial morphology and mitochondrial protein metabolism. Promotes degradation of excess nuclear-encoded complex IV subunits (COX4I1, COX5A and COX6A1) and normal activity of complexes III and IV of the respiratory chain (PubMed:26759378, PubMed:27323408). Mediates mitochondrial translocation of TP53 and its transcription-independent apoptosis in response to genotoxic stress (PubMed:27323408).
Cellular Location	Mitochondrion membrane

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