

LACE1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59268**Specification****LACE1 Polyclonal Antibody - 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

LACE1 Polyclonal Antibody - 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](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=16411))

Dilution

dilution_WB: WB ~ 1:1000
dilution_IHC-P: IHC-P ~ N/A
dilution_IHC-F: IHC-F ~ N/A
dilution_IF: IF ~ 1:50 ~ 200
dilution_ICC: ICC ~ N/A
dilution_E: E ~ N/A

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.

LACE1 Polyclonal Antibody - 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](http://www.uniprot.org/citations/26759378), PubMed: [27323408](http://www.uniprot.org/citations/27323408)). Mediates mitochondrial translocation of TP53 and its transcription-independent apoptosis in response to genotoxic stress (PubMed: [27323408](http://www.uniprot.org/citations/27323408)).

Cellular Location

Mitochondrion membrane

LACE1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LACE1 Polyclonal Antibody - Images