

LACE1 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15510**Specification**

LACE1 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q8WV93
Other Accession	NM_145315 , NP_660358
Reactivity	Human, Rat, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53kDa KDa

LACE1 Antibody - N-terminal region - Additional Information**Gene ID** 246269

Alias Symbol	AFG1
Other Names	
Lactation elevated protein 1, Protein AFG1 homolog, LACE1, AFG1	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-LACE1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

LACE1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

LACE1 Antibody - N-terminal region - 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:<a href="http://www.uniprot.org/citations/27323408"

target="_blank">27323408).

Cellular Location

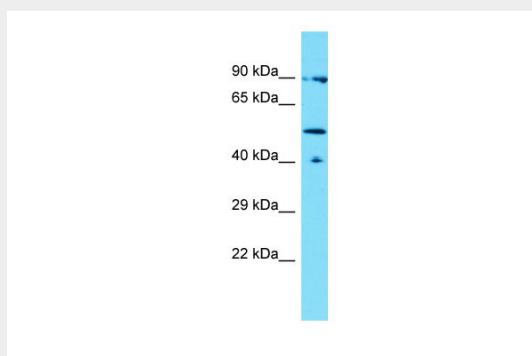
Mitochondrion membrane

LACE1 Antibody - N-terminal region - 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 Antibody - N-terminal region - Images



Host: Rabbit

Target Name: LACE1

Sample Tissue: THP-1 Whole cell lysate

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Antibody Dilution: 1.0µg/ml

LACE1 Antibody - N-terminal region - References

Abrahams B.S.,et al.Genomics 80:45-53(2002).

Mungall A.J.,et al.Nature 425:805-811(2003).