

LACE1 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15511**Specification**

LACE1 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O8WV93
Other Accession	NM_145315 , NP_660358
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53kDa KDa

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

LACE1 Antibody - C-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

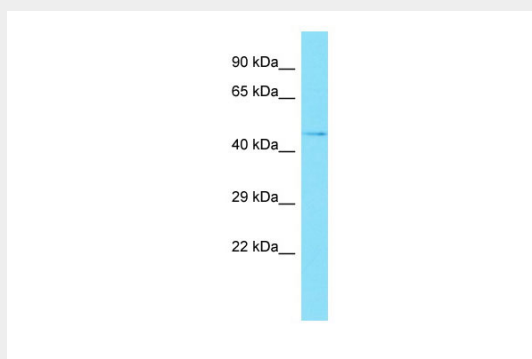
Mitochondrion membrane

LACE1 Antibody - C-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 - C-terminal region - Images



Host: Rabbit

Target Name: LACE1

Sample Tissue: HT1080 Whole cell lysate

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Antibody Dilution: 1.0µg/ml

LACE1 Antibody - C-terminal region - References

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

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