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LACE1 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15511

Product Information

Application	WB
Primary Accession	Q8WV93
Other Accession	NM_145315, NP_660358
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54845

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.

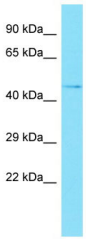
Protein Information

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

References

Abrahams B.S.,et al.Genomics 80:45-53(2002).
Mungall A.J.,et al.Nature 425:805-811(2003).

Images



Host: Rabbit
Target Name: LACE1
Sample Tissue: HT1080 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

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