

Product datasheet

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ARG55869 anti-Mitofilin antibody

Package: 100 μl Store at: -20°C

Summary

Isotype

Product Description Rabbit Polyclonal antibody recognizes Mitofilin

IgG

Tested Reactivity Hu

Tested Application WB

Host Rabbit

Clonality Polyclonal

Target Name Mitofilin

Species Human

Immunogen KLH-conjugated synthetic peptide corresponding to aa. 170-203 (Center) of Human Mitofilin.

Conjugation Un-conjugated

Alternate Names Cell proliferation-inducing gene 4/52 protein; P89; MICOS complex subunit MIC60; PIG52; P87/89;

HMP; P87; Mitofilin; Mic60; PIG4; p87/89; MINOS2; Mitochondrial inner membrane protein

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	A431	

Properties

Form Liquid

Purification Purification with Protein A and immunogen peptide.

Buffer PBS and 0.09% (W/V) Sodium azide

Preservative 0.09% (W/V) Sodium azide

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links GenelD: 10989 Human

Swiss-port # Q16891 Human

Gene Symbol IMMT

Gene Full Name inner membrane protein, mitochondrial

Function Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that

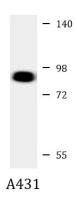
plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Plays an important role in the maintenance of the MICOS

complex stability and the mitochondrial cristae morphology. [UniProt]

Calculated Mw 84 kDa

Cellular Localization Mitochondrion inner membrane; Single-pass membrane protein

Images



ARG55869 anti-Mitofilin antibody WB image

Western blot: 35 μg of A431 cell lysate stained with ARG55869 anti-Mitofilin antibody at 1:1000 dilution.