

Ghitm antibody - middle region

Rabbit Polyclonal Antibody Catalog # AI12738

Product Information

WB
<u>Q91VC9</u>
<u>NM_078478</u> , <u>NP_510963</u>
Human, Mouse, Rat, Rabbit, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
Human, Mouse, Rat, Pig, Dog, Horse, Bovine
Rabbit
Polyclonal
37275

Additional Information

Gene ID	66092
Alias Symbol Other Names	1010001P14Rik, C77840, PTD010, MICS1 Growth hormone-inducible transmembrane protein, Mitochondrial morphology and cristae structure 1, MICS1, Ghitm, Mics1
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-Ghitm 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	Ghitm antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Ghitm
Synonyms	Mics1
Function	Plays an important role in maintenance of mitochondrial morphology and in mediating either calcium or potassium/proton antiport (PubMed: <u>35715207</u>). Mediates proton-dependent calcium efflux from mitochondrion (By similarity). Also functions as an electroneutral mitochondrial proton/potassium exchanger (PubMed: <u>35715207</u>). Required for the mitochondrial tubular network and cristae organization (PubMed: <u>35715207</u>). Involved in apoptotic release of cytochrome c (By similarity). Inhibits AFG3L2 proteolytic activity, stimulating respiration and stabilizing respiratory enzymes



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