

## Rabbit YME1L1 Polyclonal Antibody | anti-YME1L1 antibody

YME1L1 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA226325 | Rabbit | Human, Mouse, Rat | Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA |

### PRODUCT SYNONYMS

YME1L1; Polyclonal Antibody; YME1L1 Antibody; ATP dependent metalloprotease FtsH1 homolog; ATP-dependent zinc metalloprotease YME1L1; FTSH1; Meg-4; MEG4; PAMP; Presenilin-associated metalloprotease; UNQ1868/PRO4304; YME1 like 1; YME1-like protein 1; YME1L antibody; anti-YME1L1 antibody

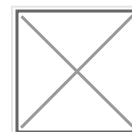
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                 |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                          |
| Reactivity                                       | Human, Mouse, Rat                                                                                                               |
| Clonality                                        | Polyclonal                                                                                                                      |
| Form/Format                                      | Affinity Purified                                                                                                               |
| Concentration                                    | 0.5 ug/ul in antibody stabilization buffer (varies by lot)                                                                      |
| Sequence Length                                  | 773                                                                                                                             |
| Applicable Applications for anti-YME1L1 antibody | WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA                                                  |
| Immunogen                                        | Synthetic peptide taken within amino acid region 720-773 on human ATP-dependent metalloprotease YME1L1 protein.                 |
| Immunoglobulin                                   | IgG                                                                                                                             |
| Expression                                       | High expression in cardiac and skeletal muscle mitochondria.                                                                    |
| Molecular Function                               | Hydrolase, Metalloprotease, Protease                                                                                            |
| Structure                                        | In the N-terminal section; belongs to the AAA ATPase family.<br>In the C-terminal section; belongs to the peptidase M41 family. |
| Subcellular Location                             | Mitochondrion inner membrane                                                                                                    |
| Preparation and Storage                          | -20• degree C for long term storage                                                                                             |

### IMAGES



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-YME1L1 antibody | Affinity Purified ATP-dependent metalloprotease YME1L1 Antibody<br>Putative ATP-dependent protease which plays a role in mitochondrial protein metabolism. Ensures cell proliferation, maintains normal cristae morphology and complex I respiration activity, promotes antiapoptotic activity and protects mitochondria from the accumulation of oxidatively damaged membrane proteins. Requires to control the accumulation of nonassembled respiratory chain subunits (NDUFB6, OX4 and ND1). Seems to act in the processing of OPA1. |
| Product Categories/Family for anti-YME1L1 antibody   | Primary Antibodies; Metabolism & Homeostasis; YME1L1 Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 46397258                                               |
| NCBI GeneID                      | 10730                                                  |
| UniProt Accession #              | Q96TA2; Q5T8D9; Q9H1Q0; Q9UMR9; B4DNM1; D3DRV8; D3DRV9 |
| Molecular Weight                 | 75,982 Da                                              |
| NCBI Official Full Name          | ATP-dependent zinc metalloprotease YME1L1              |
| NCBI Official Synonym Full Names | YME1 like 1 ATPase                                     |
| NCBI Official Symbol             | YME1L1                                                 |
| NCBI Official Synonym Symbols    | FTSH; MEG4; PAMP; YME1L                                |
| NCBI Protein Information         | ATP-dependent zinc metalloprotease YME1L1              |
| UniProt Protein Name             | ATP-dependent zinc metalloprotease YME1L1              |
| UniProt Gene Name                | YME1L1                                                 |
| UniProt Synonym Gene Names       | FTSH1; YME1L; PAMP                                     |
| UniProt Entry Name               | YMEL1_HUMAN                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/yme1l1-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/226325>