



YMEL1 mouse mAb

Catalog No	YP-mAb-08238
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	YME1L1 FTSH1 YME1L UNQ1868/PRO4304
Immunogen	Synthesized peptide derived from human YMEL1 AA range: 136-186
Specificity	This antibody detects endogenous levels of YMEL1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.353% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ATP dependent metalloprotease FtsH1 homolog;ATP-dependent metalloprotease FtsH1;ATP-dependent zinc metalloprotease YME1L1;FTSH1; Meg-4;MEG4;PAMP;Presenilin-associated metalloprotease;UNQ1868/PRO434; YME1 like 1;YME1-like protein 1;YME1L;Yme1l1;YMEL1_HUMAN;YMEL1; YME1L1 FTSH1 YME1L UNQ1868/PRO4304;ATP-dependent zinc metalloprotease YME1L1 (EC 3.4.24.-) (ATP-dependent metalloprotease FtsH1) (Meg-4) (Presenilin-associated metalloprotease) (PAMP) (YME1-like protein 1)
Observed Band	85kD
Calculated Molecular Weight	85kD
Cell Pathway	Mitochondrion inner membrane . Mitochondrion .
Tissue Specificity	High expression in cardiac and skeletal muscle mitochondria.
Function	cofactor: Binds 1 zinc ion per subunit .,function: Putative ATP-dependent protease which plays a role in mitochondrial protein metabolism.,similarity: In the C-terminal section; belongs to the peptidase M41 family.,similarity: In the N-terminal section; belongs to the AAA ATPase family.,



Background

The protein encoded by this gene is the human ortholog of yeast mitochondrial AAA metalloprotease, Yme1p. It is localized in the mitochondria and can functionally complement a yme1 disruptant yeast strain. It is proposed that this gene plays a role in mitochondrial protein metabolism and could be involved in mitochondrial pathologies. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011],

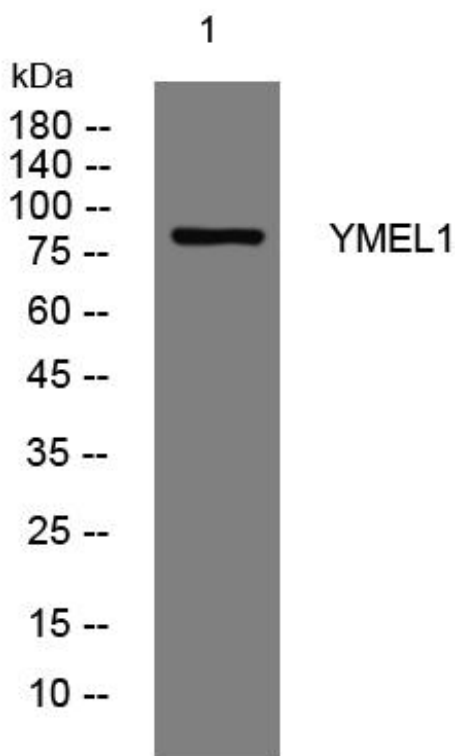
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using YMEL1 mouse mAb