Rabbit YMEL1 Polyclonal Antibody | anti-YME1L1 antibody

YMEL1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286571	**Rabbit**	**Human, hamster (Predicted Reactivity: Mouse, Rat)**	**Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

YMEL1; Polyclonal Antibody; YMEL1 Antibody (N-term); ATP-dependent zinc metalloprotease YME1L1; 3424-; ATP-dependent metalloprotease FtsH1; Meg-4; Presenilin-associated metalloprotease; PAMP; YME1-like protein 1; YME1L1; FTSH1; YME1L; anti-YME1L1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, hamster (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This YMEL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 191-219 amino acids from the N-terminal region of human YMEL1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	191-219
Sequence Length	683
Applicable Applications for anti-YME1L1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

FCM/FACS (Flow Cytometry)
YMEL1 Antibody (N-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

IHC (Immunohistochemisry)
YMEL1 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the YMEL1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

WB (Western Blot)
Western blot analysis of YMEL1 Antibody (N-term) in CHO cell line lysates (35ug/lane). YMEL1 (arrow) was detected using the purified Pab.

WB (Western Blot)
Western blot analysis of YMEL1 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). YMEL1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-YME1L1 antibody	YMEL1 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.
Product Categories/Family for anti-YME1L1 antibody	Metabolism; Signal Transduction
References	Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006) Deloukas, P., et al. Nature 429(6990):375-381(2004) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	359718987
NCBI GeneID	10730
NCBI Accession #	NP_001240795.1; NP_055078.1; NP_647473.1
NCBI GenBank Nucleotide #	NM_001253866.1
UniProt Accession #	Q96TA2; Q5T8D9; Q9H1Q0; Q9UMR9; B4DNM1; D3DRV8; D3DRV9
Molecular Weight	86455
NCBI Official Full Name	ATP-dependent zinc metalloprotease YME1L1 isoform 4
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/ymel1-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/286571