

OXA1L Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12848b**Specification**

OXA1L Antibody (C-term) - Product Information

Application	FC, WB,E
Primary Accession	Q15070
Other Accession	NP_005006.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	48520
Antigen Region	361-390

OXA1L Antibody (C-term) - Additional Information**Gene ID** 5018**Other Names**

Mitochondrial inner membrane protein OXA1L, Hsa, OXA1Hs, Oxidase assembly 1-like protein, OXA1-like protein, OXA1L

Target/Specificity

This OXA1L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 361-390 amino acids from the C-terminal region of human OXA1L.

Dilution

FC~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

OXA1L Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OXA1L Antibody (C-term) - Protein Information**Name** OXA1L {ECO:0000303|PubMed:9247084, ECO:0000312|HGNC:HGNC:8526}

Function Mitochondrial membrane insertase that mediates the cotranslational insertion of integral membrane proteins into the mitochondrial inner membrane (PubMed:[17936786](#), PubMed:[33602856](#), PubMed:[7991568](#)). Essential for the activity and assembly of cytochrome oxidase (PubMed:[17936786](#), PubMed:[7991568](#)). Required for the correct biogenesis of ATP synthase and complex I in mitochondria (PubMed:[17936786](#), PubMed:[7991568](#)).

Cellular Location

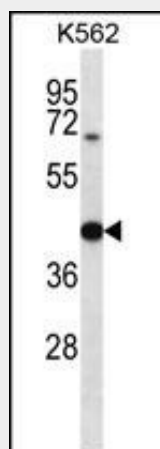
Mitochondrion inner membrane; Multi-pass membrane protein

OXA1L Antibody (C-term) - Protocols

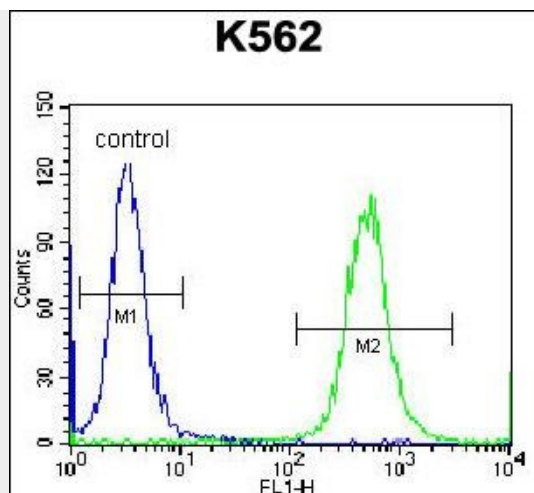
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OXA1L Antibody (C-term) - Images



OXA1L Antibody (C-term) (Cat. #AP12848b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the OXA1L antibody detected the OXA1L protein (arrow).



OXA1L Antibody (C-term) (Cat. #AP12848b) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

OXA1L Antibody (C-term) - Background

OXA1L is required for the insertion of integral membrane proteins into the mitochondrial inner membrane. Essential for the activity and assembly of cytochrome oxidase.

OXA1L Antibody (C-term) - References

- Haque, M.E., et al. J. Biol. Chem. 285(45):34991-34998(2010)
- Shimada, M., et al. Hum. Genet. 128(4):433-441(2010)
- Haque, M.E., et al. J. Biol. Chem. 285(36):28353-28362(2010)
- Sato, T., et al. J. Biol. Chem. 284(22):14819-14827(2009)
- Stiburek, L., et al. J. Mol. Biol. 374(2):506-516(2007)