

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

OXA1L Antibody (C-term) - Product Information

Application	WB, FC,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

WB~~1:1000

FC~~1:10~50

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

Function Required for the insertion of integral membrane proteins into the mitochondrial inner membrane. Essential for the activity and assembly of cytochrome oxidase. Required for the correct biogenesis of ATP synthase and complex I in mitochondria.

Cellular Location

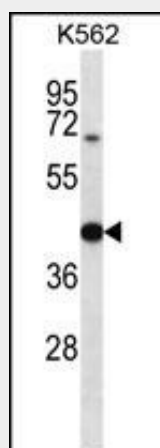
Mitochondrion inner membrane; Multi-pass membrane protein

OXA1L Antibody (C-term) - Protocols

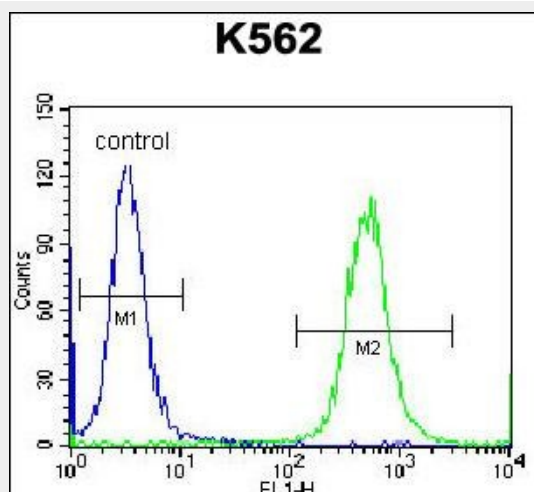
Provided below are standard protocols that you may find useful for product applications.

- [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)