

OXA1L Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12848b**Specification**

OXA1L Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q15070](#)**OXA1L Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 5018**Other Names**

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

OXA1L Antibody (C-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

OXA1L Antibody (C-term) Blocking peptide - Images**OXA1L Antibody (C-term) Blocking peptide - 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) Blocking peptide - 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)