

MLSTD2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9396a**Specification****MLSTD2 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q8WVX9](#)**MLSTD2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 84188**Other Names**

Fatty acyl-CoA reductase 1, 121n2, Male sterility domain-containing protein 2, FAR1, MLSTD2

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.

MLSTD2 Antibody (N-term) Blocking Peptide - Protein Information**Name** FAR1 ([HGNC:26222](#))**Function**

Catalyzes the reduction of saturated and unsaturated C16 or C18 fatty acyl-CoA to fatty alcohols (PubMed:15220348, PubMed:24108123). It plays an essential role in the production of ether

MLSTD2 Antibody (N-term) Blocking Peptide - Background

MLSTD2 catalyzes the reduction of saturated fatty acyl-CoA with chain length C16 or C18 to fatty alcohols.

MLSTD2 Antibody (N-term) Blocking Peptide - References

Honscho, M., et al. J. Biol. Chem. 285(12):8537-8542(2010)Persson, B., et al. Chem. Biol. Interact. 178 (1-3), 94-98 (2009) :Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Foster, L.J., et al. J. Proteome Res. 5(1):64-75(2006)Cheng, J.B., et al. J. Biol. Chem. 279(36):37798-37807(2004)

lipids/plasmalogens which synthesis requires fatty alcohols (PubMed:20071337, PubMed:24108123). In parallel, it is also required for wax monoesters production since fatty alcohols also constitute a substrate for their synthesis (By similarity).

Cellular Location

Peroxisome membrane; Single-pass membrane protein

MLSTD2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)