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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 lipids/plasmalogens which synthesis requires fatty alcohols (PubMed:20071337, PubMed:24108123, PubMed:33239752). 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

MLSTD2 Antibody (N-term) Blocking Peptide - Images

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

Honsho, 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)