10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

MLSTD1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12790

Specification

MLSTD1 antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q96K12
Other Accession	NM_018099, NP_060569
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Zebrafish, Chicken, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**59kDa KDa**

MLSTD1 antibody - C-terminal region - Additional Information

Gene ID 55711

Alias Symbol	**FAR2, FLJ10462, MLSTD1, SDR10E2**

Other Names
Fatty acyl-CoA reductase 2, 1.2.1.n2, Male sterility domain-containing protein 1, FAR2, MLSTD1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-MLSTD1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
MLSTD1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

MLSTD1 antibody - C-terminal region - Protein Information

Name FAR2 (HGNC:25531)

Function
Catalyzes the reduction of saturated but not unsaturated C16 or C18 fatty acyl-CoA to fatty alcohols. A lower activity can be observed with shorter fatty acyl-CoA substrates (PubMed:15220348). It may play a role in the production of ether lipids/plasmalogens and wax monoesters which synthesis requires fatty alcohols as substrates (By similarity).

Cellular Location

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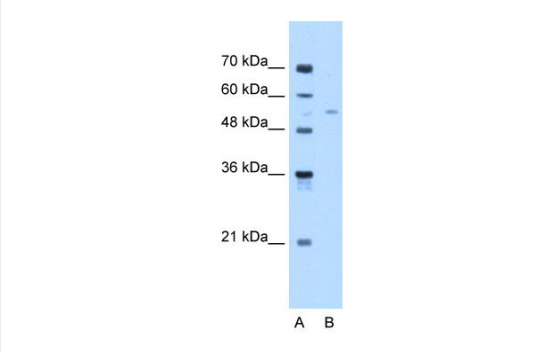
Peroxisome membrane; Single-pass membrane protein

MLSTD1 antibody - C-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MLSTD1 antibody - C-terminal region - Images



WB Suggested Anti-MLSTD1 Antibody Titration: 0.2-1 µg/ml
Positive Control: Jurkat cell lysate

MLSTD1 antibody - C-terminal region - References

Cheng,J.B.(2004)J.Biol.Chem.279(36),37798-37807ReconstitutionandStorage:Forshorttermuse,store at2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.