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MLSTD1 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12790

Product Information

Application	WB
Primary Accession	Q96K12
Other Accession	NM_018099, NP_060569
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59438

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.

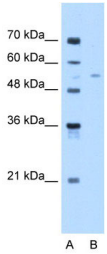
Protein Information

Name	FAR2 (HGNC:25531)
Function	Catalyzes the reduction of saturated but not unsaturated C16 or C18 fatty acyl-CoA to fatty alcohols (FAls) (PubMed:15220348). A lower activity can be observed with shorter fatty acyl-CoA substrates (PubMed:15220348). Can produce very long-chain and ultra long-chain FAls, regardless of whether they have a straight or branched chain (PubMed:35238077). Involved in the production of ether lipids/plasmalogens and wax monoesters whose synthesis requires FAls as substrates (PubMed:24108123, PubMed:35238077).
Cellular Location	Peroxisome membrane; Single-pass membrane protein

References

Cheng,J.B.(2004)J.Biol.Chem.279(36),37798-37807ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.