10320 Camino Santa Fe, Suite G
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PHYHD1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16593b

Specification

PHYHD1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q5SRE7

PHYHD1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 254295

Other Names
Phytanoyl-CoA dioxygenase domain-containing protein 1, 1---, PHYHD1

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.

PHYHD1 Antibody (C-term) Blocking Peptide - Protein Information

Name PHYHD1 (HGNC:23396)

Function
2-oxoglutarate(2OG)-dependent dioxygenase that catalyzes the conversion of 2-oxoglutarate to succinate and CO(2) in an iron- dependent manner (PubMed:21530488). However, does not couple 2OG turnover to the hydroxylation of acyl-coenzyme A derivatives, implying that it is not directly involved in phytanoyl coenzyme-A metabolism (PubMed:21530488). Does not show detectable activity towards fatty acid CoA thioesters (PubMed:21530488).

PHYHD1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

PHYHD1 Antibody (C-term) Blocking Peptide - Images

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PHYHD1 Antibody (C-term) Blocking Peptide - Background

PHYHD1 probably acts as alpha-ketoglutatare-dependent dioxygenase (By similarity).

PHYHD1 Antibody (C-term) Blocking Peptide - References

Denoeud, F., et al. Genome Res. 17(6):746-759(2007)Lamesch, P., et al. Genomics 89(3):307-315(2007)