

PHYHD1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16593b**Specification**

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

PHYHD1 Antibody (C-term) Blocking Peptide - Background

PHYHD1 probably acts as alpha-ketoglutarate-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)