

PHYHD1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16593b

Specification

PHYHD1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q5SRE7
Other Accession	NP_777593.2 , NP_001094347.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	32411
Antigen Region	232-260

PHYHD1 Antibody (C-term) - Additional Information

Gene ID 254295

Other Names

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

Target/Specificity

This PHYHD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 232-260 amino acids from the C-terminal region of human PHYHD1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PHYHD1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PHYHD1 Antibody (C-term) - Protein Information

Name PHYHD1 ([HGNC:23396](#))

Function 2-oxoglutarate(2OG)-dependent dioxygenase that catalyzes the conversion of

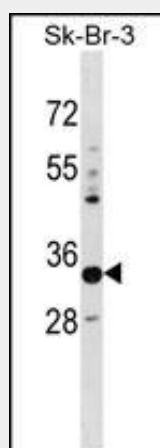
2-oxoglutarate to succinate and CO₂) in an iron- dependent manner (PubMed:[21530488](#)). However, does not couple 2OG turnover to the hydroxylation of acyl-coenzyme A derivatives, implying that it is not directly involved in phytanoyl coenzyme-A metabolism (PubMed:[21530488](#)). Does not show detectable activity towards fatty acid CoA thioesters (PubMed:[21530488](#)).

PHYHD1 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PHYHD1 Antibody (C-term) - Images



PHYHD1 Antibody (C-term) (Cat. #AP16593b) western blot analysis in SK-BR-3 cell line lysates (35ug/lane). This demonstrates the PHYHD1 antibody detected the PHYHD1 protein (arrow).

PHYHD1 Antibody (C-term) - Background

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

PHYHD1 Antibody (C-term) - References

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