



PHYHD1 Rabbit mAb

Catalog No	YP-rAb-17671
Isotype	IgG
Reactivity	Human
Applications	WB,IF,ICC,FC
Gene Name	PHYHD1
Protein Name	Phytanoyl-CoA dioxygenase domain-containing protein 1;Protein PHYHD1;
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:1000-5000; ICC/IF 1:100-300; FC 1:100-300
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	PHYHD1;Phytanoyl-CoA dioxygenase domain-containing protein 1;Protein PHYHD1;PHYHD1 ; Phytanoyl-CoA dioxygenase domain-containing protein 1 ; Protein PHYHD1
Observed Band	32kD
Calculated Molecular Weight	
Cell Pathway	
Tissue Specificity	
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). {ECO:0000269 PubMed:21530488}.; [Isoform 2]: Isoform 2 probably lacks enzyme activity. {ECO:0000269 PubMed:21530488}.; [Isoform 3]: Isoform 3 probably lacks enzyme activity. {ECO:0000269 PubMed:21530488}.
Background	Enables 2-oxoglutarate-dependent dioxygenase activity. [provided by Alliance of Genome Resources, Feb 2025]

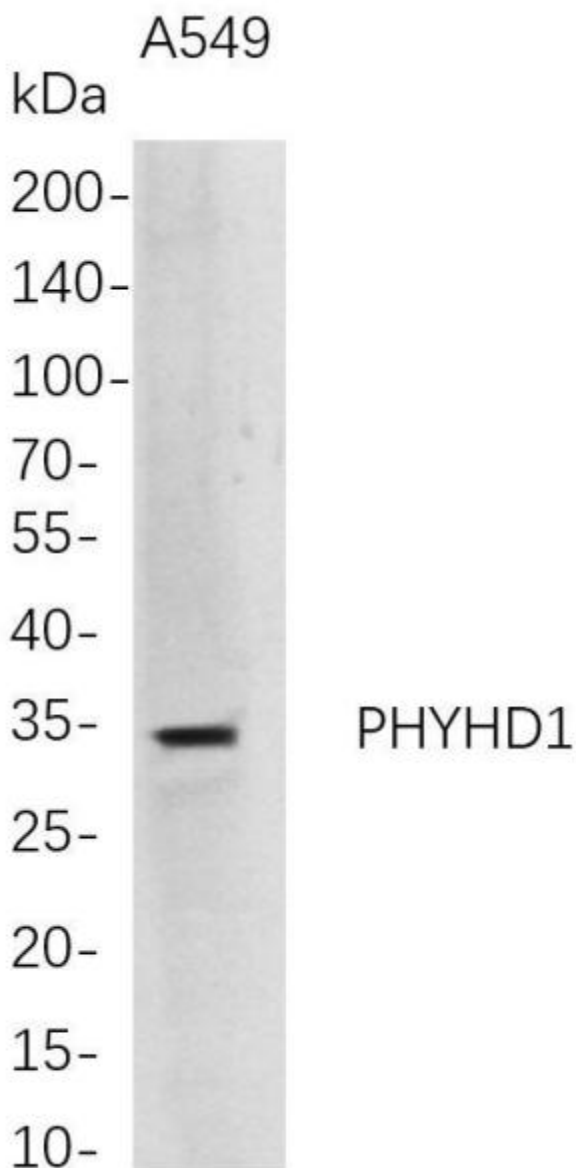


matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Western Blot analysis of A549 whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PHYHD1 rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

