

Product datasheet for **TA379902**

PHYHD1 Rabbit Polyclonal Antibody

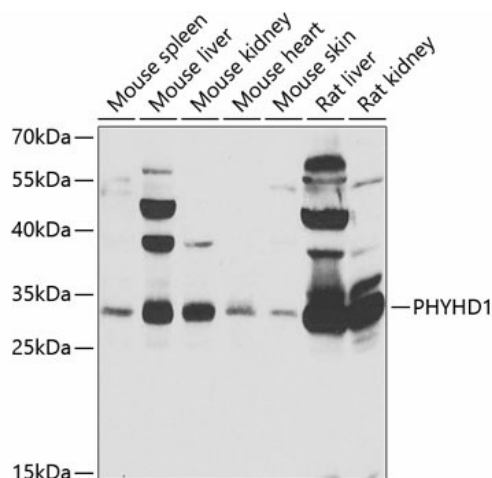
Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-291 of human PHYHD1 (NP_001094346.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30kDa/32kDa
Gene Name:	phytanoyl-CoA dioxygenase domain containing 1
Database Link:	Entrez Gene 254295 Human Q5SRE7
Background:	Isoform 1 has alpha-ketoglutarate-dependent dioxygenase activity. Does not show detectable activity towards fatty acid CoA thioesters. Is not expected to be active with phytanoyl CoA. Isoform 2 and isoform 3 probably lack enzyme activity.
Synonyms:	MGC16638

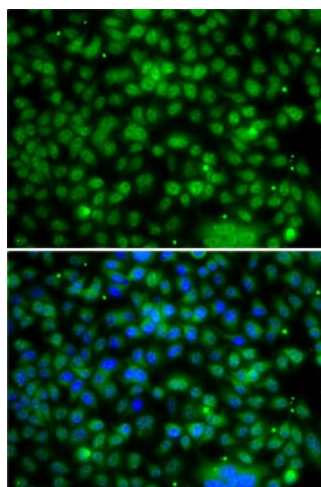


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Product images:



Western blot analysis of extracts of various cell lines, using PHYHD1 antibody (TA379902) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit. | Exposure time: 90s.



Immunofluorescence analysis of A-549 cells using PHYHD1 antibody (TA379902). Blue: DAPI for nuclear staining.