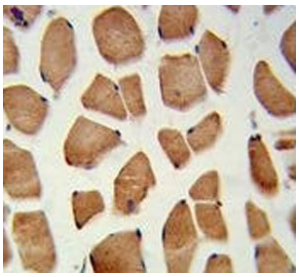
PHYH Antibody / Phytanoyl-CoA dioxygenase, peroxisomal (F54994)

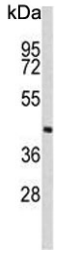
Catalog No.	Formulation	Size
F54994-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54994-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

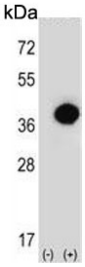
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	O14832
Localization	Cytoplasmic
Applications	Flow cytometry: 1:10-1:50 (1x10e6 cells) Western blot: 1:500-1:1000 Immunohistochemistry (FFPE): 1:50-1:100
Limitations	This PHYH antibody is available for research use only.



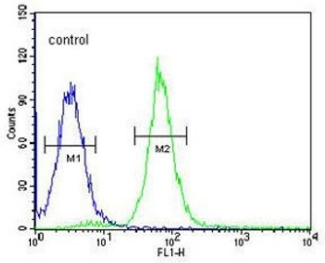
IHC testing of FFPE human skeletal muscle tissue with PHYH antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human MDA-MB-435 cell lysate with PHYH antibody. Predicted molecular weight ~39 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with PHYH antibody.



Flow cytometry testing of human HEK293 cells with PHYH antibody; Blue=isotype control, Green= PHYH antibody.

Description

PHYH2 catalyzes a carbon-carbon cleavage reaction; cleaves a 2-hydroxy-3-methylacyl-CoA into formyl-CoA and a 2-methyl-branched fatty aldehyde.

Application Notes

The stated application concentrations are suggested starting points. Titration of the PHYH antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 59-87 from the human protein was used as the immunogen for the PHYH antibody.

Storage

Aliquot the PHYH antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.