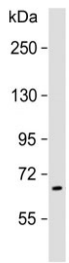
PRODH Antibody (F54259)

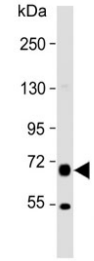
Catalog No.	Formulation	Size
F54259-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54259-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

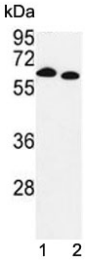
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9WU79
Gene ID	19125
Localization	Cytoplasmic
Applications	Western Blot : 1:1000-1:2000 Immunohistochemistry (FFPE) : 1:25-1:100 Flow Cytometry : 1:25 (1x10e6 cells)
Limitations	This PRODH antibody is available for research use only.



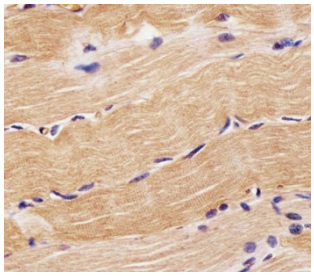
Western blot testing of human brain lysate with PRODH antibody. Predicted molecular weight: 68 kDa.



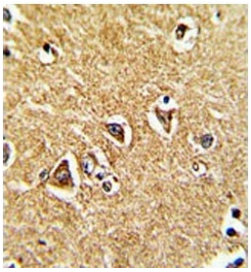
Western blot testing of human MDA-MB-468 cell lysate with PRODH antibody. Predicted molecular weight: 68 kDa.



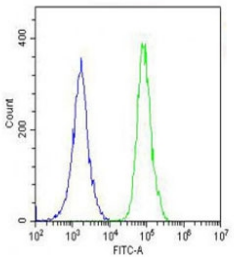
Western blot testing of mouse 1) liver and 2) kidney lysate with PRODH antibody. Predicted molecular weight: 68 kDa.



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



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



Flow cytometry testing of fixed and permeabilized human A549 cells with PRODH antibody; Blue=isotype control, Green= PRODH antibody.

Description

PRODH is a mitochondrial proline dehydrogenase that catalyzes the first step in proline degradation. It converts proline to delta-1-pyrroline-5-carboxylate.

Application Notes

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

Immunogen

A portion of amino acids 130-155 from the human protein were used as the immunogen for the PRODH antibody.

Storage

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

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