

PRODH Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS13697**Specification**

PRODH Antibody (Internal) - Product Information

Application	IHC
Primary Accession	O43272
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	68kDa KDa

PRODH Antibody (Internal) - Additional Information**Gene ID** 5625**Other Names**

Proline dehydrogenase 1, mitochondrial, 1.5.5.2, Proline oxidase, Proline oxidase 2, p53-induced gene 6 protein, PRODH, PIG6, POX2

Target/Specificity

Human PRODH.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

PRODH Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

PRODH Antibody (Internal) - Protein Information**Name** PRODH ([HGNC:9453](#))**Function**

Converts proline to delta-1-pyrroline-5-carboxylate.

Cellular Location

Mitochondrion matrix.

Tissue Location

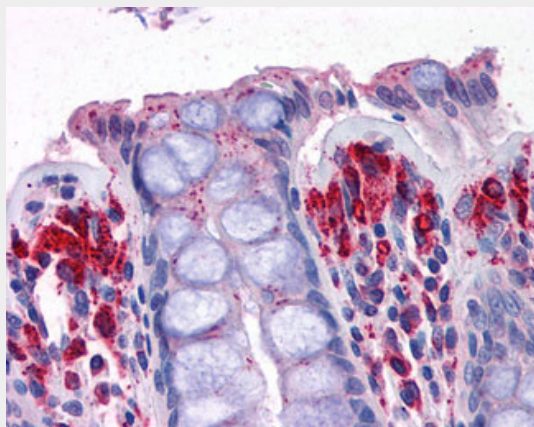
Expressed in lung, skeletal muscle and brain, to a lesser extent in heart and kidney, and weakly in liver, placenta and pancreas

PRODH Antibody (Internal) - 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](#)

PRODH Antibody (Internal) - Images



Anti-PRODH antibody IHC of human colon.

PRODH Antibody (Internal) - Background

Converts proline to delta-1-pyrroline-5-carboxylate.

PRODH Antibody (Internal) - References

Campbell H.D., et al. Hum. Genet. 101:69-74(1997).
Gogos J.A., et al. Nat. Genet. 21:434-439(1999).
Bender H.-U., et al. Am. J. Hum. Genet. 76:409-420(2005).
Dunham I., et al. Nature 402:489-495(1999).
Totoki Y., et al. Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.