

P4HA1 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS12749**Specification**

P4HA1 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	P13674
Reactivity	Human, Rabbit, Monkey, Pig, Chicken, Horse, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	61kDa KDa

P4HA1 Antibody (Internal) - Additional Information**Gene ID** 5033**Other Names**Prolyl 4-hydroxylase subunit alpha-1, 4-PH alpha-1, 1.14.11.2, Procollagen-proline,
2-oxoglutarate-4-dioxygenase subunit alpha-1, P4HA1, P4HA**Target/Specificity**

Human P4HA1. This antibody is expected to recognise both reported isoforms (NP_000908.2 and NP_001017962.1).

Reconstitution & Storage

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

Precautions

P4HA1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

P4HA1 Antibody (Internal) - Protein Information**Name** P4HA1**Synonyms** P4HA**Function**

Catalyzes the post-translational formation of 4- hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins.

Cellular Location

Endoplasmic reticulum lumen.

Tissue Location

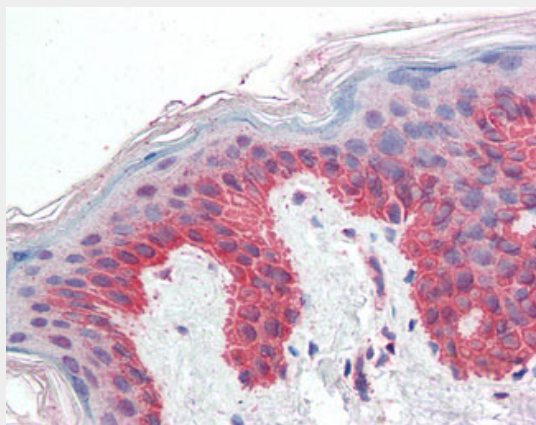
Expressed in the heart, liver, skeletal muscle, kidney, placenta, lung and pancreas.

P4HA1 Antibody (Internal) - Protocols

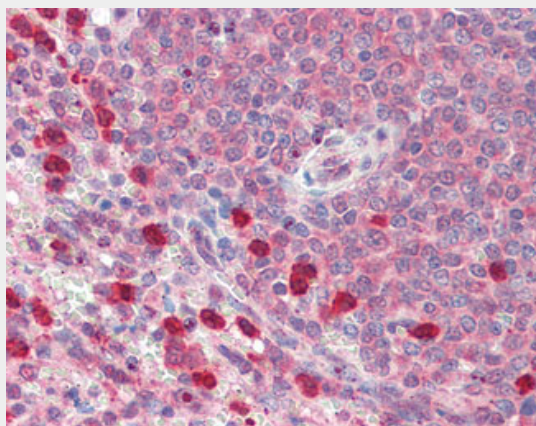
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

P4HA1 Antibody (Internal) - Images



Anti-P4HA1 antibody IHC of human skin.



Anti-P4HA1 antibody IHC of human spleen.

P4HA1 Antibody (Internal) - Background

Catalyzes the post-translational formation of 4- hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins.

P4HA1 Antibody (Internal) - References

Helaakoski T., et al. Proc. Natl. Acad. Sci. U.S.A. 86:4392-4396(1989).

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Jin P.,et al.Genomics 83:566-571(2004).

Deloukas P.,et al.Nature 429:375-381(2004).

Chen R.,et al.J. Proteome Res. 8:651-661(2009).