

P4HA1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14760**Specification**

P4HA1 antibody - middle region - Product Information

Application	WB
Primary Accession	P13674
Other Accession	NM_000917 , NP_000908
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59kDa KDa

P4HA1 antibody - middle region - Additional Information**Gene ID** 5033**Alias Symbol** **P4HA****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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-P4HA1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

P4HA1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

P4HA1 antibody - middle region - 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

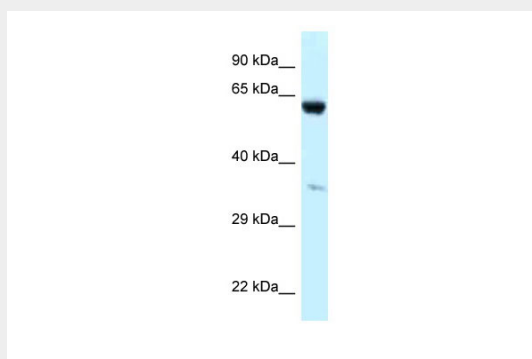
Expressed in the heart, liver, skeletal muscle, kidney, placenta, lung and pancreas.

P4HA1 antibody - middle region - Protocols

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

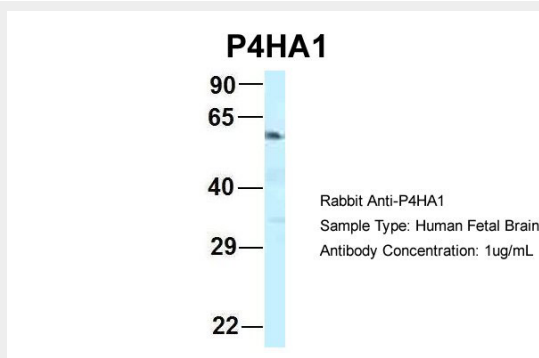
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

P4HA1 antibody - middle region - Images



WB Suggested Anti-P4HA1 Antibody Titration: 1.0 µg/ml

Positive Control: 293T Whole Cell P4HA1 is supported by BioGPS gene expression data to be expressed in HEK293T



Host: Rabbit

Target Name: P4HA1

Sample Tissue: Human Fetal Brain

Antibody Dilution: 1.0 µg/ml

P4HA1 antibody - middle region - 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).