

Datasheet for ABIN6263965
anti-P4HA1 antibody (N-Term)

2 Images

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Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | P4HA1 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This P4HA1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC) |

Product Details

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|-----------------------|---|
| Immunogen: | A synthesized peptide derived from human P4HA1, corresponding to a region within N-terminal amino acids. |
| Isotype: | IgG |
| Specificity: | P4HA1 Antibody detects endogenous levels of total P4HA1. |
| Predicted Reactivity: | Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

Target Details

| | |
|---------|-------|
| Target: | P4HA1 |
|---------|-------|

Target Details

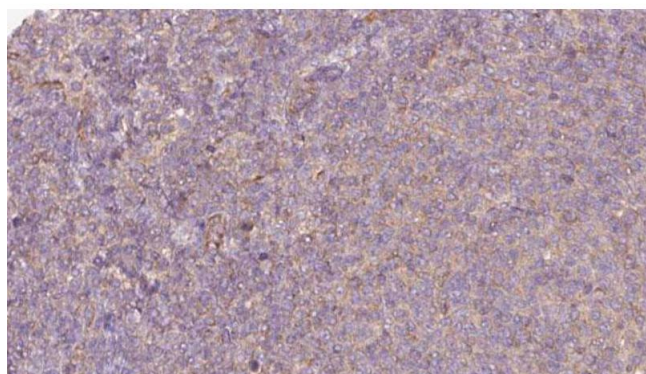
| | |
|-------------------|---|
| Alternative Name: | P4HA1 (P4HA1 Products) |
| Background: | Description: Catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly-sequences in collagens and other proteins. Gene: P4HA1 |
| Molecular Weight: | 61 kDa |
| Gene ID: | 5033 |
| UniProt: | P13674 |

Application Details

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|--------------------|---|
| Application Notes: | WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500 |
| Restrictions: | For Research Use only |

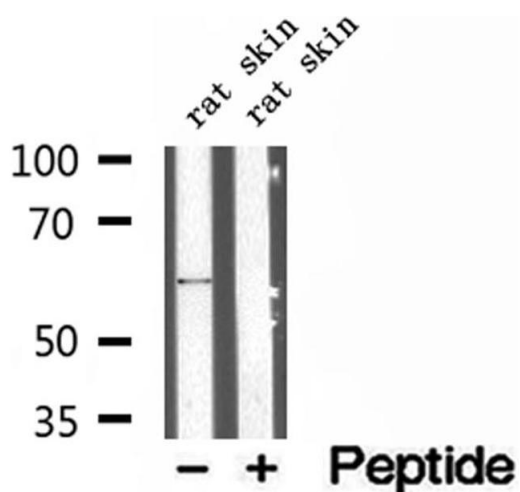
Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
| Expiry Date: | 12 months |



Immunohistochemistry

Image 1. ABIN6273063 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis of extracts of rat skin tissue, using P4HA1 antibody.