



Datasheet for ABIN2789056
anti-P4HA2 antibody (C-Term)



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1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | P4HA2 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Pig, Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This P4HA2 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-----------------------|--|
| Sequence: | VYESLCRGEG VKLTPRRQKR LFCRYHHGNR APQLLIAPFK EEDEWDSPHI |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 85%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86% |
| Characteristics: | This is a rabbit polyclonal antibody against P4HA2. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|---|
| Target: | P4HA2 |
| Alternative Name: | P4HA2 (P4HA2 Products) |
| Background: | This gene encodes a component of prolyl 4-hydroxylase, a key enzyme in collagen synthesis |

Target Details

composed of two identical alpha subunits and two beta subunits. The encoded protein is one of several different types of alpha subunits and provides the major part of the catalytic site of the active enzyme. In collagen and related proteins, prolyl 4-hydroxylase catalyzes the formation of 4-hydroxyproline that is essential to the proper three-dimensional folding of newly synthesized procollagen chains. Alternatively spliced transcript variants encoding different isoforms have been described.

Alias Symbols: -

Protein Interaction Partner: UBC, FHL3, IRS4, env, EBNA-LP, H2AFX, DMWD, P4HA2, P4HB, PRRC2A,

Protein Size: 533

Molecular Weight: 58 kDa

Gene ID: 8974

NCBI Accession: [NM_001017973](#), [NP_001017973](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 533 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

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

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Rabbit Anti-P4HA2 Antibody
Catalog Number: ARP62190
Lot Number: QC32922
Lane: HepG2 Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.