Datasheet for ABIN7164781

anti-P4HA1 antibody (AA 256-525)

3 Images

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Overview

Quantity:	100 µg
Target:	P4HA1
Binding Specificity:	AA 256-525
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P4HA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Prolyl 4-hydroxylase subunit alpha-1 protein (256-525AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	P4HA1
Alternative Name:	P4HA1 (P4HA1 Products)
Background:	Background: Catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins.

Target Details

	Aliases: 2-oxoglutarate-4-dioxygenase subunit alpha-1 antibody, 4-hydroxylase, alpha I subunit antibody, 4-PH alpha-1 antibody, P4HA antibody, P4HA1 antibody, P4HA1_HUMAN antibody, Procollagen-proline antibody, Procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide I antibody, Prolyl 4-hydroxylase subunit alpha-1 antibody
UniProt:	P13674

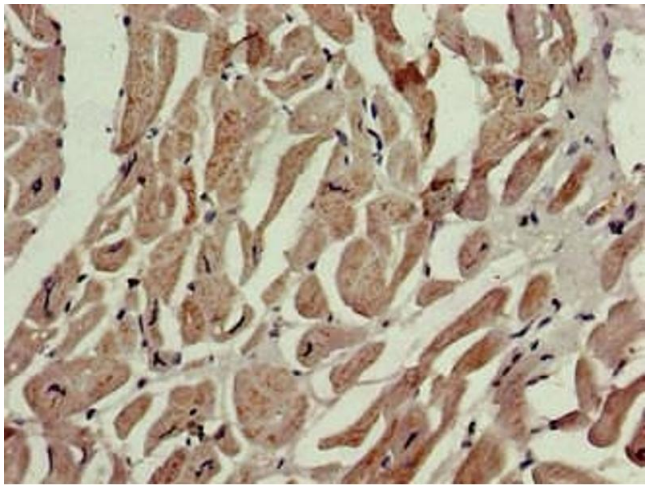
Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only

Handling

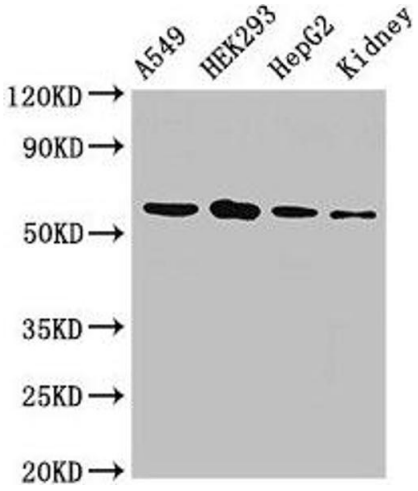
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



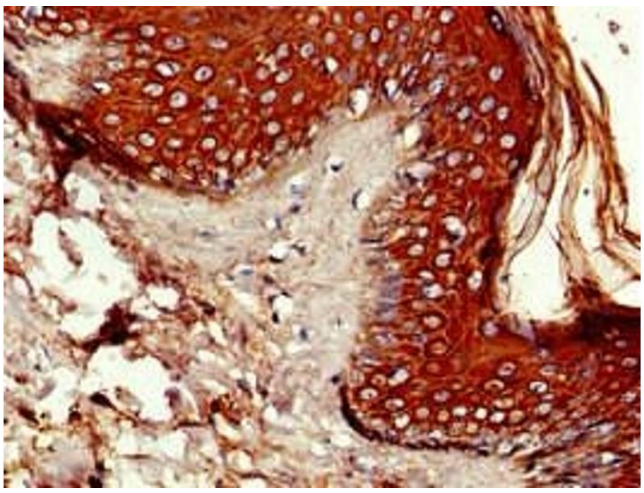
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human heart tissue using ABIN7164781 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate, HEK293 whole cell lysate, HepG2 whole cell lysate, Rat kidney tissue All lanes: P4HA1 antibody at 2.5 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 62, 61, 59 kDa Observed band size: 62 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human skin tissue using ABIN7164781 at dilution of 1:100