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anti-P4HA1 antibody (C-Term)





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Overview		
Quantity:	400 μL	
Target:	P4HA1	
Binding Specificity:	AA 414-442, C-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This P4HA1 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This P4HA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 414-442 amino acids from the C-terminal region of human P4HA1.	
Clone:	RB37006	
Isotype:	lg Fraction	
Predicted Reactivity:	В	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	P4HA1	
Alternative Name:	P4HA1 (P4HA1 Products)	

Target Details

Background:	This gene encodes a component of prolyl 4-hydroxylase, a key enzyme in collagen synthesis
	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.
Molecular Weight:	61049
Gene ID:	5033

NCBI Accession: NP_000908, NP_001017962, NP_001136067, NP_001136068

UniProt: P13674

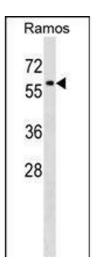
Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
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:	4 °C,-20 °C	
Storage Comment:	P4HA1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.	
Expiry Date:	6 months	



Western Blotting

Image 1. P4HA1 Antibody (C-term) (ABIN1537300 and ABIN2848732) western blot analysis in Ramos cell line lysates (35 μ g/lane). This demonstrates the P4HA1 antibody detected the P4HA1 protein (arrow).