



# P4HA1 rabbit pAb

Cat No.:ES14319

For research use only

## Overview

<b>Product Name</b>	P4HA1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB
<b>Species Cross-Reactivity</b>	Human; Mouse;Rat
<b>Recommended dilutions</b>	WB 1: 500-2000
<b>Immunogen</b>	Synthesized peptide derived from human P4HA1 AA range: 461-511
<b>Specificity</b>	This antibody detects endogenous levels of P4HA1 at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	P4HA1
<b>Gene Name</b>	P4HA1 P4HA
<b>Cellular localization</b>	Endoplasmic reticulum lumen.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	5033
<b>Human Swiss-Prot Number</b>	P13674
<b>Alternative Names</b>	
<b>Background</b>	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

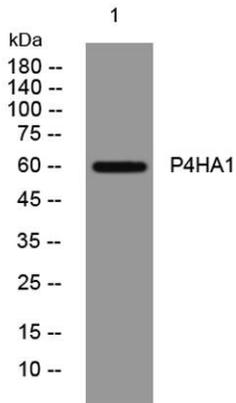




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three-dimensional folding of newly synthesized procollagen chains. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008],

Western blot analysis of lysates from VEC cells, primary antibody was diluted at 1:1000, 4° over night



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