

Product datasheet for **TA358039**

P4HA1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat Homology: Cow: 86%; Dog: 93%; Guinea Pig: 79%; Horse: 93%; Human: 100%; Mouse: 85%; Pig: 86%; Rabbit: 86%; Rat: 93%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	56kDa
Gene Name:	prolyl 4-hydroxylase subunit alpha 1
Database Link:	NP_001136068 Entrez Gene 5033 Human C9JL12
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.

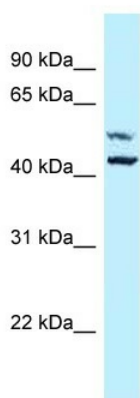


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Synonyms: C-P4Halpα(I); P4HA

Protein Families: Druggable Genome, P450

Protein Pathways: Arginine and proline metabolism, Metabolic pathways

Product images:

WB Suggested Anti-P4HA1 Antibody
Titration: 1.0 ug/ml
Positive Control: OVCAR-3 Whole Cell