

Product datasheet for **TA358034**

P4HA1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Horse, Human, Mouse, Pig, Rat Homology: Cow: 93%; Dog: 93%; Horse: 100%; Human: 100%; Mouse: 92%; Pig: 86%; Rat: 100%
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:	59kDa
Gene Name:	prolyl 4-hydroxylase subunit alpha 1
Database Link:	NP_000908 Entrez Gene 5033 Human P13674
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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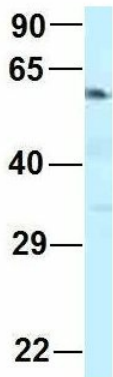
Synonyms: C-P4Halpα(I); P4HA
Protein Families: Druggable Genome, P450
Protein Pathways: Arginine and proline metabolism, Metabolic pathways

Product images:



WB Suggested Anti-P4HA1 Antibody
 Titration: 1.0 ug/ml
 Positive Control: 293T Whole Cell P4HA1 is supported by BioGPS gene expression data to be expressed in HEK293T

P4HA1



Rabbit Anti-P4HA1
 Sample Type: Human Fetal Brain
 Antibody Concentration: 1ug/mL

Host: Rabbit
 Target Name: P4HA1
 Sample Type: Human Fetal Brain
 Antibody Dilution: 1.0ug/ml