



Mouse anti-Human P4HA2 monoclonal antibody, clone DM0462 (CABT-B9495)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant protein corresponding to Human P4HA2
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	DM0462
Purification	Protein A
Conjugate	Unconjugated
Applications	IHC, WB
Format	Liquid
Size	100 µl
Buffer	PBS, pH 7.2, with 40% glycerol
Preservative	0.02% sodium azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction	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
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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. [provided by RefSeq, Jul 2008]

Keywords

P4HA2; prolyl 4-hydroxylase, alpha polypeptide II; prolyl 4-hydroxylase subunit alpha-2; 4-PH alpha 2; 4-PH alpha-2; C-P4Halpha(II); collagen prolyl 4-hydroxylase alpha(II); procollagen-proline,2-oxoglutarate-4-dioxygenase subunit alpha-2; procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide II;

GENE INFORMATION

Entrez Gene ID [8974](#)

UniProt ID [O15460](#)
