
Product Name: P3H1 Rabbit Monoclonal Antibody**Catalog #: AMRe87571**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,ICC/IF 1:200-1:500,FC 1:10-1:100
Molecular Weight	Calculated MW:83 kDa; Observed MW:83 kDa

Antigen Information

Gene Name	P3H1
Alternative Names	OI8; GROS1; LEPRE1
Gene ID	64175
SwissProt ID	Q32P28
Immunogen	A synthetic peptide of human P3H1

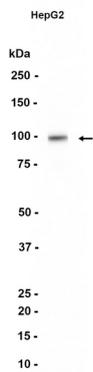
Background

This gene encodes an enzyme that is a member of the collagen prolyl hydroxylase family. These enzymes are localized to the endoplasmic reticulum and their activity is required for proper collagen synthesis and assembly. Mutations in this gene are

associated with osteogenesis imperfecta type VIII. Three alternatively spliced transcript variants encoding different isoforms have been described. Other variants may exist, but their biological validity has not been determined. [provided by RefSeq, Aug 2011]

Research Area

Image Data



Western blot analysis of extracts from HepG2 cells using P3H1 Rabbit Monoclonal Antibody at 1:1000.