

À des fins de recherche uniquement

# Anticorps Monoclonal anti-P4HA1

Numéro de catalogue: **CL594-66101**



## Informations de base

Numéro de catalogue: CL594-66101	Numéro d'acquisition GenBank: BC034998	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 5033	CloneNo.: 1H10A6
Hôte: Mouse	Nom complet: prolyl 4-hydroxylase, alpha polypeptide I	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 534 aa, 61 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG17867	MW observés: 61 kDa	

## Applications

Applications testées: IF	Contrôles positifs: IF : cellules HepG2,
Spécificité de l'espèce: Humain, rat, souris	

## Informations générales

P4HA1(Prolyl 4-hydroxylase subunit alpha-1) is also named as P4HA and belongs to the P4HA family , which play a central role in collagen synthesis. P4HA1 catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins. The gene encodes a polypeptide of 517 amino acid residues and a signal peptide of 17 amino acids and the full length protein has two glycosylation sites (uniprot). It can exist as a heteromer, dimer or tetramer (refer to: GENATLAS). P4HA1 has 3 isoforms produced by alternative splicing with the molecular weight of 61 kDa, 61 kDa and 59 kDa. This antibody is specific to P4HA1.

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

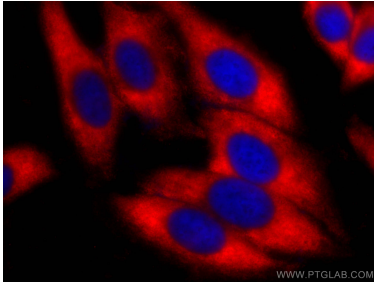
**\*\*\* Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:  
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## Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite®594 P4HA1 antibody (CL594-66101, Clone: 1H10A6 ) at dilution of 1:100.