

Datasheet for ABIN190847  
**anti-P4HA1 antibody (Internal Region)**[Go to Product page](#)

## 7 Images

## Overview

Quantity:	100 µg
Target:	P4HA1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This P4HA1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Purpose:	P4HA1
Immunogen:	Peptide with sequence C-DFARKDEPDAFKE, from the internal region of the protein sequence according to NP_000908.2, NP_001017962.1.
Sequence:	DFARKDEPDA FKE
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_000908.2 and NP_001017962.1).
Cross-Reactivity:	Cow, Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

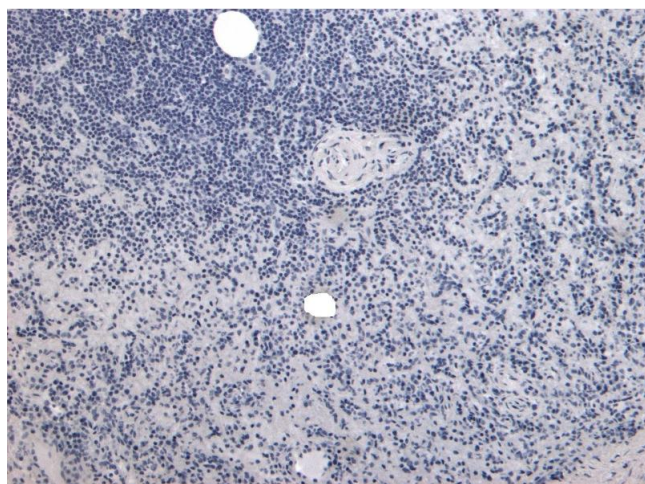
Target:	P4HA1
Alternative Name:	P4HA1 ( <a href="#">P4HA1 Products</a> )
Background:	P4HA1, procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide I, 4-PH alpha-1, P4HA , prolyl 4-hydroxylase, alpha I subunit
Gene ID:	5033, 18451, 64475
NCBI Accession:	<a href="#">NP_000908</a> , <a href="#">NP_001017962</a>

## Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 7 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	<b>Immunofluorescence:</b> Strong expression of the protein seen in the ER and cytoplasm of A431 cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

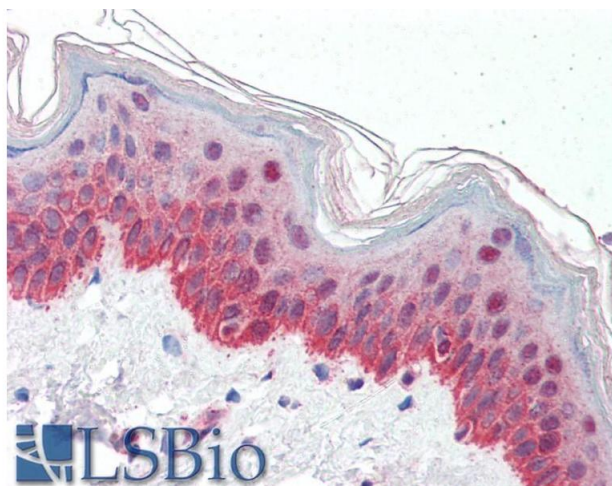


#### Immunohistochemistry

**Image 1.** (ABIN190847) Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.



**Image 2.** ABIN190847 (0.2µg/ml) staining of HEK293 cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



#### Immunohistochemistry

**Image 3.** ABIN190847 (5µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN190847.