


Anti-P4HA2 antibody ab70887

★★★★★ [1 Abreviews](#) [1 References](#) [3 图像](#)

概述

产品名称	Anti-P4HA2抗体
描述	兔多克隆抗体to P4HA2
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Human 预测可用于: Chimpanzee, Baboon, Rhesus monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to a region between residue 250 and 300 of human P4HA2. (NP_004190.1)
阳性对照	HeLa and 293T whole cell lysates.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab70887于以下的经测试应用

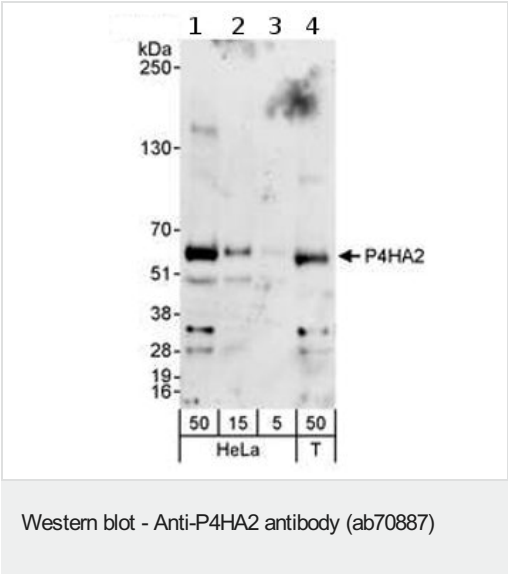
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	1/2000 - 1/10000. Detects a band of approximately 61 kDa (predicted molecular weight: 61 kDa).
IP		Use at 2-5 µg/mg of lysate.

靶标

功能	Catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins.
序列相似性	Belongs to the P4HA family. Contains 1 Fe2OG dioxygenase domain. Contains 1 TPR repeat.
细胞定位	Endoplasmic reticulum lumen.

图片



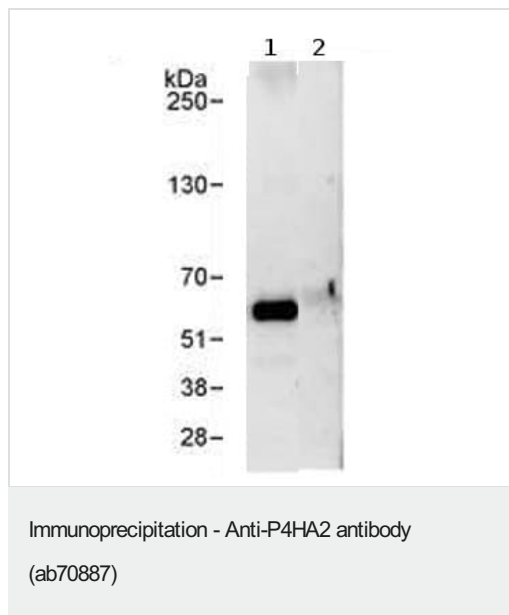
All lanes : Anti-P4HA2 antibody (ab70887) at 0.04 µg/ml

- Lane 1 :** HeLa whole cell lysate at 50 µg
- Lane 2 :** HeLa whole cell lysate at 15 µg
- Lane 3 :** HeLa whole cell lysate at 5 µg
- Lane 4 :** 293T whole cell lysate at 50 µg

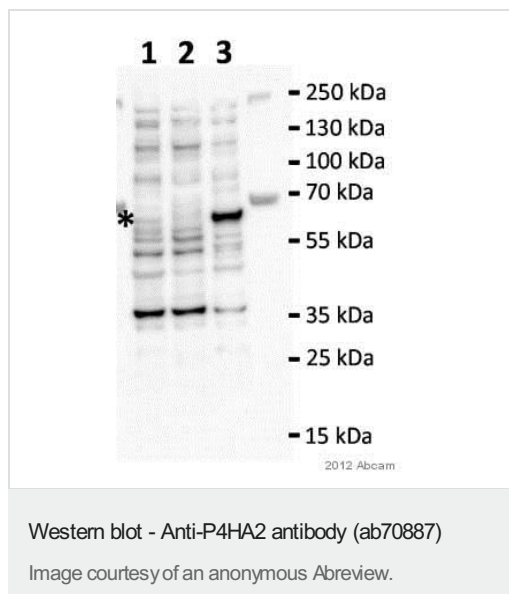
Developed using the ECL technique.

Predicted band size: 61 kDa
Observed band size: 61 kDa
Additional bands at: 28 kDa, 33 kDa, 50 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 3 minutes



HeLa whole cell lysate (at 1 mg for IP, 20% of IP loaded) with ab70887 at 1 µg/ml for WB subsequent to IP at 3 µg/mg lysate.
Lane 2: control IgG.
Detection: Chemiluminescence with an exposure time of 30 seconds.



All lanes : Anti-P4HA2 antibody (ab70887) at 1 µg/ml

Lane 1 : Whole cell lysate prepared from 9L cells

Lane 2 : Whole cell lysate prepared from PC12 cells

Lane 3 : Whole cell lysate prepared from RIE-1 cells

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : HRP conjugated pig anti-rabbit polyclonal at 1/5000 dilution

Developed using the ECL technique.

Predicted band size: 61 kDa

Observed band size: 61 kDa

Additional bands at: 35 kDa (possible degradation product)

Exposure time: 5 minutes

Good immunoreactivity observed in RIE-1 cell lysate that is

consistent with the mobility of full-length P4HA2. A faster migrating species of ~35 kDa has been commonly observed with other antibodies (including this one) that could be a degradation product or alternatively spliced form of P4HA2. Further characterisation is required.

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