

Anti-TIMP1 antibody - Carboxyterminal end ab38978

★★★★★ 4 Abreviews 34 References 3 图像

概述	
产品名称	Anti-TIMP1抗体- Carboxyterminal end
描述	兔多克隆抗体to TIMP1 - Carboxyterminal end
宿主	Rabbit
特异性	This antibody recognizes both reduced and non reduced TIMP1 protein, but does not cross react with other TIMP family members (TIMP2, TIMP3, TIMP4).
经测试应用	适用于: WB, Sandwich ELISA
种属反应性	与反应: Human
免疫原	Synthetic peptide based on the carboxyterminal region of human TIMP1.
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&amp;As</p>

性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: 0.05% Sodium azide Constituent: 50% Glycerol
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用	
The Abpromise guarantee	<u>Abpromise™</u> 承诺保证使用ab38978于以下的经测试应用

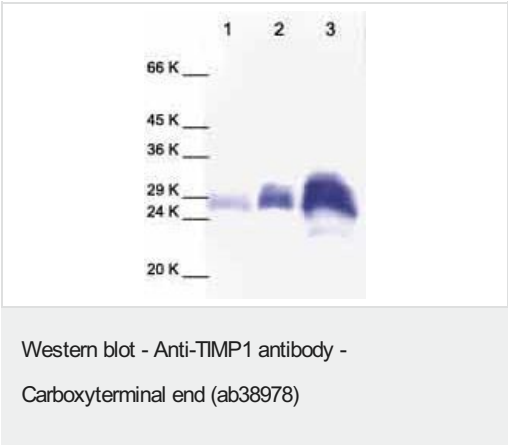
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (3)	1/1000 - 1/5000. Detects a band of approximately 29 kDa (predicted molecular weight: 23 kDa). Recommended starting dilution of 1/1000 when using colorimetric substrates such as BCIP/NBT and 1/5000 for chemiluminescent substrates. Detects a band of approximately 29 kDa when used against the reduced protein. Higher concentration of antibody may be needed for non human samples. Dilution optimised using Chromogenic
Sandwich ELISA		Use a concentration of 0.5 µg/ml. For sandwich ELISA, use this antibody as Detection at 0.5µg/ml with <b>ab28261</b> as Capture.

靶标

功能	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Also mediates erythropoiesis in vitro; but, unlike IL-3, it is species-specific, stimulating the growth and differentiation of only human and murine erythroid progenitors. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-11, MMP-12, MMP-13 and MMP-16. Does not act on MMP-14.
序列相似性	Belongs to the protease inhibitor I35 (TIMP) family. Contains 1 NTR domain.
翻译后修饰	The activity of TIMP1 is dependent on the presence of disulfide bonds.
细胞定位	Secreted.

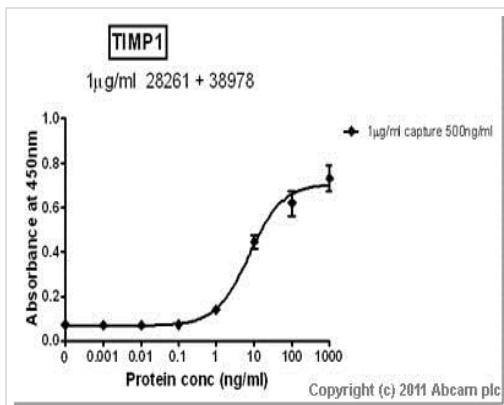
图片



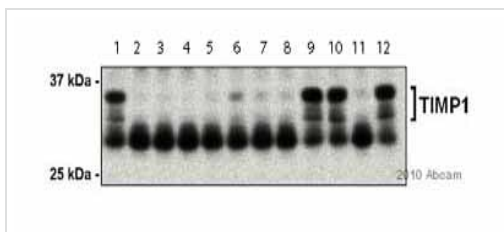
**All lanes :** Anti-TIMP1 antibody - Carboxyterminal end (ab38978) at 1/1000 dilution

- Lane 1 :** Human TIMP1
- Lane 2 :** Cell media from human chondrosarcoma (no treatment)
- Lane 3 :** Cell media from human chondrosarcoma (treated with TPA)

**Predicted band size:** 23 kDa  
**Observed band size:** 29 kDa



Sandwich ELISA - Anti-TIMP1 antibody -  
Carboxyterminal end (**ab38978**)



Western blot - Anti-TIMP1 antibody -  
Carboxyterminal end (**ab38978**)

Image courtesy of Koji Ueda by Abreview

Each lane corresponds to a distinct lung adenocarcinoma patient sample. The primary antibody was used at 1/3000 dilution. 10µg/ml lysate has been added per lane. A sheep anti-rabbit monoclonal conjugated to HRP was used as the secondary antibody at 1/10,000 dilution.

Detection method used was Western Lightning. 3 minutes.  
Performed under reducing conditions.

Samples blocked using 5% BSA for 1 hour at 25°C.

Non-specific band at 27kDa is thought to be Ig light chain.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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