

### Anti-EMILIN1 antibody ab125860

#### 1 图像

#### 概述

<b>产品名称</b>	Anti-EMILIN1抗体
<b>描述</b>	兔多克隆抗体to EMILIN1
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> WB
<b>种属反应性</b>	<b>与反应:</b> Human <b>预测可用于:</b> Rabbit, Cow, Dog, Pig, Chimpanzee, Macaque monkey, Gorilla, Orangutan 
<b>免疫原</b>	Synthetic peptide corresponding to Human EMILIN1 aa 450-550 conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab156174</a> )
<b>阳性对照</b>	This antibody gave a positive signal in the following tissue lysates: Human Small Intestine; Human Cervix; Human Fetal Heart; Human Fetal Kidney.
<b>常规说明</b>	<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

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

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ab125860于以下的经测试应用

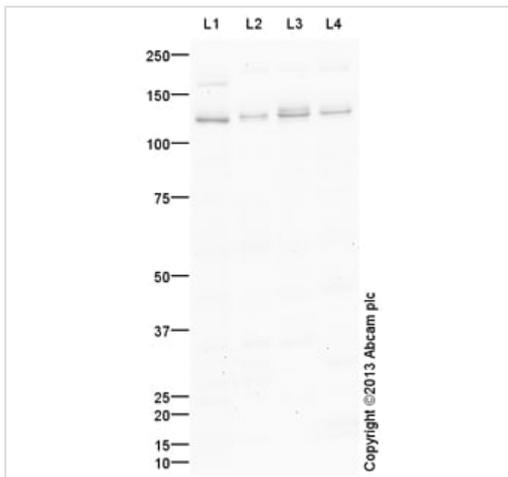
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/250. Detects a band of approximately 130 kDa (predicted molecular weight: 106 kDa).

## 靶标

功能	May be responsible for anchoring smooth muscle cells to elastic fibers, and may be involved not only in the formation of the elastic fiber, but also in the processes that regulate vessel assembly. Has cell adhesive capacity.
组织特异性	Distributed in tissues where resilience and elastic recoil are prominent. Highest levels in the adult small intestine, aorta, lung, uterus, and appendix and in the fetal spleen, kidney, lung, and heart; intermediate expression was detected in adult liver, ovary, colon, stomach, lymph node and spleen; adult heart, bladder, prostate, adrenal gland, mammary gland, placenta and kidney showed low expression whereas a series of other adult tissues, including skeletal muscle and different regions of adult brain show no expression.
序列相似性	Contains 1 C1q domain. Contains 1 collagen-like domain. Contains 1 EMI domain.
细胞定位	Secreted > extracellular space > extracellular matrix. Found mainly at the interface between amorphous elastin and microfibrils.

## 图片



Western blot - Anti-EMILIN1 antibody (ab125860)

**All lanes :** Anti-EMILIN1 antibody (ab125860) at 1/250 dilution

**Lane 1 :** Human small intestine tissue lysate - total protein  
([ab29276](#))

**Lane 2 :** Human cervix normal tissue lysate - total protein  
([ab29226](#))

**Lane 3 :** Kidney (Human) Tissue Lysate - fetal normal tissue  
([ab30204](#))

**Lane 4 :** Heart (Human) Whole Cell Lysate - fetal normal tissue

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 106 kDa

**Observed band size:** 130 kDa

**Additional bands at:** 160 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 90 seconds

EMILIN1 contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted. This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 5% Bovine Serum Albumin before being incubated with ab125860 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution.

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

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