

# Anti-Furin antibody ab28547

[6 References](#) [1 图像](#)

### 概述

产品名称	Anti-Furin抗体
描述	兔多克隆抗体to Furin
宿主	Rabbit
特异性	ab28547 recognizes subtilisin-like serine protease furin.
经测试应用	适用于: WB
种属反应性	与反应: Recombinant fragment 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide corresponding to Human Furin (N terminal). (Peptide available as <a href="#">ab41397</a> )
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 50% Glycerol, 2.9% Sodium chloride, PBS
纯度	Immunogen affinity purified
纯化说明	This antibody has been peptide-affinity purified.
克隆	多克隆
同种型	IgG

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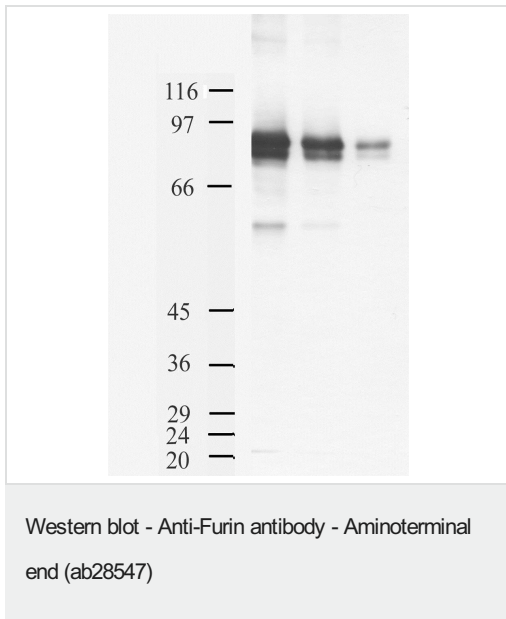
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/5000. Predicted molecular weight: 88 kDa. 1/1,000 when using colorimetric substrates such as BCIP/NBT and 1/5,000 for chemiluminescent substrates. Glycosylation and other post-translational modifications make the pre-pro furin run at 110-104 kDa, the mature furin at 98-95 kDa and shed furin at 90 kDa. Dilution optimised using Chromogenic detection.

**靶标**

<b>功能</b>	Furin is likely to represent the ubiquitous endoprotease activity within constitutive secretory pathways and capable of cleavage at the RX(K/R)R consensus motif.
<b>组织特异性</b>	Seems to be expressed ubiquitously.
<b>序列相似性</b>	Belongs to the peptidase S8 family. Furin subfamily. Contains 1 homo B/P domain.
<b>结构域</b>	Contains a cytoplasmic domain responsible for its TGN localization and recycling from the cell surface.
<b>翻译后修饰</b>	The inhibition peptide, which plays the role of an intramolecular chaperone, is autocatalytically removed in the endoplasmic reticulum (ER) and remains non-covalently bound to furin as a potent autoinhibitor. Following transport to the trans Golgi, a second cleavage within the inhibition propeptide results in propeptide dissociation and furin activation. Phosphorylation is required for TGN localization of the endoprotease. In vivo, exists as di-, mono- and non-phosphorylated forms.
<b>细胞定位</b>	Golgi apparatus > trans-Golgi network membrane. Cell membrane. Shuttles between the trans-Golgi network and the cell surface. Propeptide cleavage is a prerequisite for exit of furin molecules out of the endoplasmic reticulum (ER). A second cleavage within the propeptide occurs in the trans Golgi network (TGN), followed by the release of the propeptide and the activation of furin.

**图片**



**All lanes :** Anti-Furin antibody (ab28547) at 1/1000 dilution

**Lane 1 :** Furin at 0.05  $\mu\text{g}$

**Lane 2 :** Furin at 0.01  $\mu\text{g}$

**Lane 3 :** Furin at 0.001  $\mu\text{g}$

**Predicted band size:** 88 kDa

**Observed band size:** 88 kDa

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

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