


### Anti-ADAM17 (phospho T735) antibody ab182630

★★★★★ [1 Abreviews](#) [6 References](#) [1 图像](#)

#### 概述

|       |   |
|-------|---|
| 产品名称  | Anti-ADAM17 (phospho T735)抗体  |
| 描述    | 兔多克隆抗体to ADAM17 (phospho T735)  |
| 宿主    | Rabbit  |
| 经测试应用 | 适用于: WB   |
| 种属反应性 | 与反应: Human  |
| 免疫原   | <p>Synthetic peptide within Human ADAM17 aa 700-800 (phospho T735) conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b>contact</b> our Scientific Support team to discuss your requirements. Peptide sequence around phosphorylation site of Threonine 735</p> <p>Database link: <a href="#">P78536</a></p> <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div> |
| 阳性对照  | Extracts from K562 cells treated with UV  |
| 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. Avoid freeze / thaw cycle.                      |
| 存储溶液 | <p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride</p> <p>without Mg2+ and Ca2+</p> |
| 纯度   | Immunogen affinity purified  |

|      |  |
|------|--|
| 纯化说明 | Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide. |
| 克隆   | 多克隆  |
| 同种型  | IgG  |

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab182630于以下的经测试应用

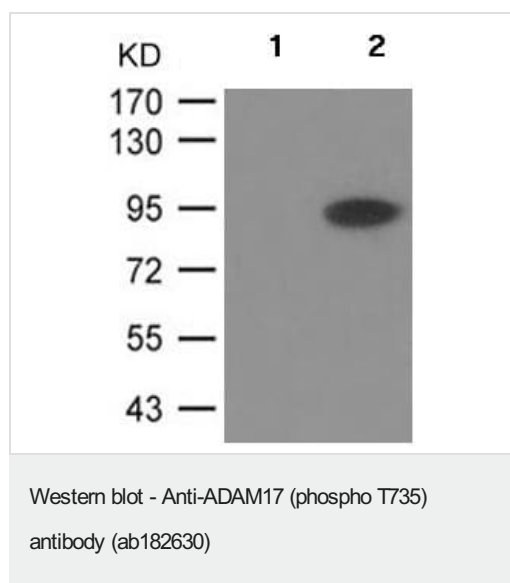
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论      | 说明  |
|----|-----------|---|
| WB | ★★★★★ (1) | 1/500 - 1/1000. Predicted molecular weight: 93 kDa. |

靶标

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|-------|--|
| 功能    | Cleaves the membrane-bound precursor of TNF-alpha to its mature soluble form. Responsible for the proteolytical release of soluble JAM3 from endothelial cells surface. Responsible for the proteolytic release of several other cell-surface proteins, including p75 TNF-receptor, interleukin 1 receptor type II, p55 TNF-receptor, transforming growth factor-alpha, L-selectin, growth hormone receptor, MUC1 and the amyloid precursor protein. Also involved in the activation of Notch pathway. |
| 组织特异性 | Ubiquitously expressed. Expressed at highest levels in adult heart, placenta, skeletal muscle, pancreas, spleen, thymus, prostate, testes, ovary and small intestine, and in fetal brain, lung, liver and kidney.  |
| 序列相似性 | Contains 1 disintegrin domain.<br>Contains 1 peptidase M12B domain.  |
| 结构域   | Must be membrane anchored to cleave the different substrates. The cytoplasmic domain is not required for the this activity. Only the catalytic domain is essential to shed TNF and p75 TNFR. The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.  |
| 翻译后修饰 | The precursor is cleaved by a furin endopeptidase.<br>Phosphorylated. Stimulation by growth factor or phorbol 12-myristate 13-acetate induces phosphorylation of Ser-819 but decreases phosphorylation of Ser-791.   |
| 细胞定位  | Membrane.  |

图片



**All lanes :** Anti-ADAM17 (phospho T735) antibody (ab182630) at 1/500 dilution

**Lane 1 :** Extracts from K562 cells treated with UV with Antigen specific peptide

**Lane 2 :** Extracts from K562 cells treated with UV

Developed using the ECL technique.

**Predicted band size:** 93 kDa

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

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