

### Anti-ADAM12 antibody - Aminoterminal end ab39155

★★★★★ [3 Abreviews](#) [8 References](#) [1 图像](#)

#### 概述

产品名称	Anti-ADAM12抗体- Aminoterminal end
描述	兔多克隆抗体to ADAM12 - Aminoterminal end
宿主	Rabbit
特异性	This antibody recognizes latent unprocessed and processed forms of ADAM12, but does not react with other ADAMs.
经测试应用	<b>适用于:</b> WB, ICC/IF, IHC-Fr, Flow Cyt
种属反应性	<b>与反应:</b> Mouse, Rat, Human, Pig
免疫原	Synthetic peptide corresponding to Human ADAM12 (N terminal).
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	<p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 50% Glycerol, 2.9% Sodium chloride, PBS</p>
纯度	Immunogen affinity purified
纯化说明	The antibody has been peptide affinity purified.
克隆	多克隆
同种型	IgG

#### 应用

## The Abpromise guarantee

**Abpromise™**承诺保证使用ab39155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		1/1000 - 1/5000. Predicted molecular weight: 100 kDa. A recommended starting concentration for Western blots is 1/1000 when using colorimetric substrates such as BCIP/NBT and 1/5000 for chemiluminescent substrates. EDTA/EGTA treatment of tissues or lysates is required to see latent zymogen.
ICC/IF	★★★★★ (3)	Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration. PubMed: 23671573
Flow Cyt		Use at an assay dependent concentration. PubMed: 19213876 <b>ab171870</b> - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.

## 靶标

功能	Involved in skeletal muscle regeneration, specifically at the onset of cell fusion. Also involved in macrophage-derived giant cells (MGC) and osteoclast formation from mononuclear precursors.
组织特异性	Isoform 1 is expressed in placenta and skeletal, cardiac, and smooth muscle. Isoform 2 seems to be expressed only in placenta or in embryo and fetus. Both forms were expressed in some tumor cells lines. Not detected in brain, lung, liver, kidney or pancreas.
序列相似性	Contains 1 disintegrin domain. Contains 1 EGF-like domain. Contains 1 peptidase M12B domain.
结构域	The cysteine-rich domain supports cell adhesion through syndecans and triggers signaling events that lead to beta-1 integrin-dependent cell spreading. In carcinomas cells the binding of this domain to syndecans does not allow the integrin-mediated cell spreading. 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.
细胞定位	Secreted and Cell membrane.

## 图片



Anti-ADAM12 antibody - Aminoterminal end (ab39155) at 1/1000 dilution + Human heart tissue lysate - total protein (**ab29431**) at 10 µg

#### Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) (**ab65484**) at 1/3000 dilution

**Predicted band size:** 100 kDa

**Observed band size:** 84 kDa

**Additional bands at:** 117 kDa, 42 kDa, 50 kDa. We are unsure as to the identity of these extra bands.

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

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