

### Anti-proANP antibody ab91250

★★★★★ [2 Abreviews](#) [7 References](#) [2 图像](#)

#### 概述

产品名称	Anti-proANP抗体
描述	兔多克隆抗体to proANP
宿主	Rabbit
经测试应用	适用于: IHC-P, WB, ELISA
种属反应性	与反应: Mouse, Dog, Human
免疫原	Synthetic peptide corresponding to Human proANP aa 30-56 (N terminal) conjugated to keyhole limpet haemocyanin. Database link: <a href="#">4878</a>
阳性对照	WB: Mouse heart tissue lysate. IHC-P: Human heart muscle.

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
存储溶液	Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
纯化说明	Purified through a protein A column, followed by peptide affinity purification.
克隆	多克隆
同种型	IgG

#### 应用

**The Abpromise guarantee** [Abpromise™](#)承诺保证使用ab91250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。

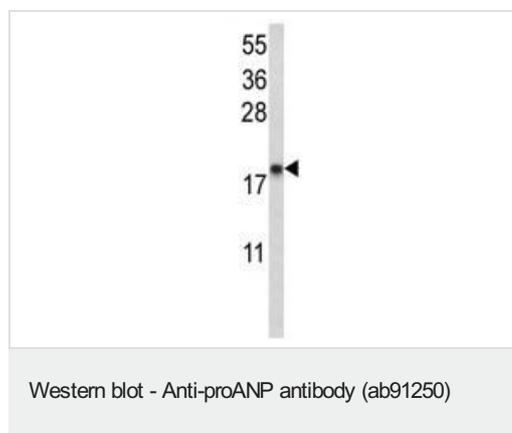
应用	Ab评论	说明
IHC-P		Use a concentration of 5 µg/ml.

应用	Ab评论	说明
WB	★★★★★ (2)	1/100 - 1/500. Predicted molecular weight: 17 kDa.
ELISA		1/1000.

## 靶标

<b>功能</b>	Hormone playing a key role in cardiovascular homeostasis through regulation of natriuresis, diuresis, and vasodilation. Also plays a role in female pregnancy by promoting trophoblast invasion and spiral artery remodeling in uterus. Specifically binds and stimulates the cGMP production of the NPR1 receptor. Binds the clearance receptor NPR3.
<b>疾病相关</b>	Atrial standstill 2 Atrial fibrillation, familial, 6
<b>序列相似性</b>	Belongs to the natriuretic peptide family.
<b>翻译后修饰</b>	Cleaved by CORIN upon secretion to produce the functional hormone. Atrial natriuretic factor: Cleaved by MME. The cleavage initiates degradation of the factor and thereby regulate its activity.
<b>细胞定位</b>	Secreted.

## 图片



Anti-proANP antibody (ab91250) at 1/100 dilution + Mouse heart tissue lysate at 35 µg

**Predicted band size:** 17 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-proANP antibody (ab91250)

IHC image of proANP staining in Human heart muscle formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab91250, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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

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