

## Product datasheet

# Anti-CPN1 antibody ab86556

1 References 2 图像

### 概述

产品名称	Anti-CPN1抗体
描述	兔多克隆抗体to CPN1
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Zebrafish
免疫原	Synthetic peptide corresponding to a region within the internal amino acids 252-301 (QKLAKVYSYAHGWMFQGWNCGDYFPDGITNGASWYLSKGMQDFNYLHT N) of Human CPN1 (NP_001299).
阳性对照	Transfected 293T cell lysate.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab86556** in the following tested applications.

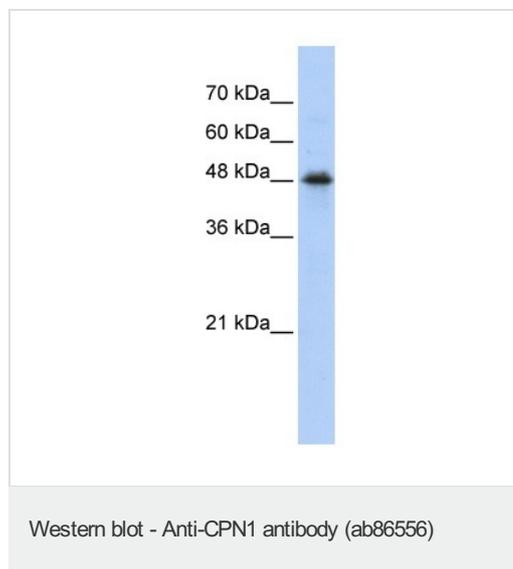
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-P		Use a concentration of 2.5 µg/ml.
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 52 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## 靶标

功能	Protects the body from potent vasoactive and inflammatory peptides containing C-terminal Arg or Lys (such as kinins or anaphylatoxins) which are released into the circulation.
组织特异性	Synthesized in the liver and secreted in plasma.
疾病相关	Defects in CPN1 are the cause of carboxypeptidase N deficiency (CPND) [MIM:212070]. Patients affected present some combination of angioedema or chronic urticaria, as well as hay fever or asthma, and have also slightly depressed serum carboxy peptidase N, suggestive of autosomal recessive inheritance of this disorder.
序列相似性	Belongs to the peptidase M14 family.
细胞定位	Secreted > extracellular space.

## 图片



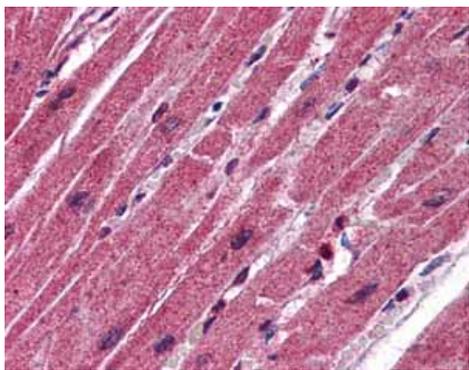
Anti-CPN1 antibody (ab86556) at 1 µg/ml (in 5% skim milk / PBS buffer) + transfected 293T cell lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size: 52 kDa**

12% gel



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human heart tissue labelling CPN1 with ab86556 at 2.5µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CPN1 antibody (ab86556)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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