

Product datasheet

Anti-PAM antibody ab105069

1 图像

概述

| | |
|--------------|---|
| 产品名称 | Anti-PAM抗体 |
| 描述 | 兔多克隆抗体to PAM |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB |
| 种属反应性 | 与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat |
| 免疫原 | Synthetic peptide corresponding to a region within N terminal amino acids 146-195 (PKGVGFRVGG ETGSKYFVLQ VHYGDISAFR DNNKDCSGVS LHLTRLPQPL) of Human PAM (NP_000910). Run BLAST with ExPASy Run BLAST with NCBI |
| 阳性对照 | 721_B cell lysate |

性能

| | |
|-------------|--|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| 存储溶液 | Preservative: 0.09% Sodium azide 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 **ab105069** 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 |
|----|------|----|
| | | |

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|----|------|---|
| WB | | Use a concentration of 1 µg/ml. Predicted molecular weight: 108 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T. |

靶标

功能

Bifunctional enzyme that catalyzes 2 sequential steps in C-terminal alpha-amidation of peptides. The monooxygenase part produces an unstable peptidyl(2-hydroxyglycine) intermediate that is dismutated to glyoxylate and the corresponding desglycine peptide amide by the lyase part. C-terminal amidation of peptides such as neuropeptides is essential for full biological activity.

序列相似性

In the C-terminal section; belongs to the peptidyl-alpha-hydroxyglycine alpha-amidating lyase family.

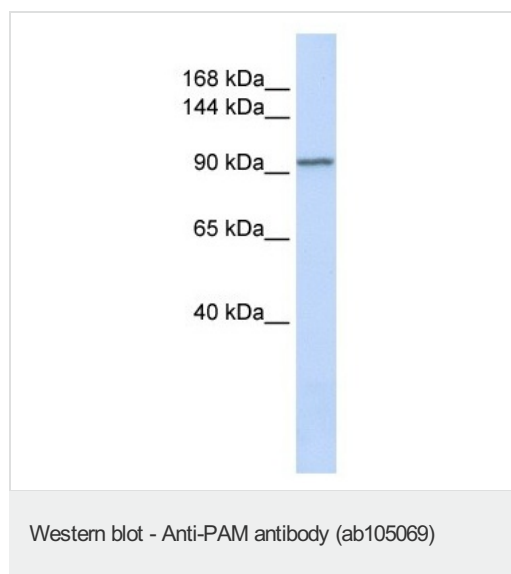
In the N-terminal section; belongs to the copper type II ascorbate-dependent monooxygenase family.

Contains 5 NHL repeats.

细胞定位

Membrane and Secreted. Secreted from secretory granules.

图片



Anti-PAM antibody (ab105069) at 1 µg/ml +
721_B cell lysate at 10 µg

Predicted band size: 108 kDa

Gel concentration: 6-18%

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

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