


Anti-TPP1 antibody ab96498

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

概述

| | |
|--------------|---|
| 产品名称 | Anti-TPP1抗体 |
| 描述 | 兔多克隆抗体to TPP1 |
| 宿主 | Rabbit |
| 特异性 | This product detects Tripeptidyl-peptidase 1 (TPP1). It is unable to detect Adrenocortical dysplasia protein homolog which is also known as TPP1. |
| 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, Cow, Dog  |
| 免疫原 | Recombinant protein fragment containing a sequence corresponding to a region within amino acids 224 and 562 of TPP1 (NP_000382) |
| 阳性对照 | A431 whole cell lysate and H1299, HeLa, HepG2 lysates |
| 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&As</p> |

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 | pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine) |
| 纯度 | Immunogen affinity purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab96498 于以下的经测试应用

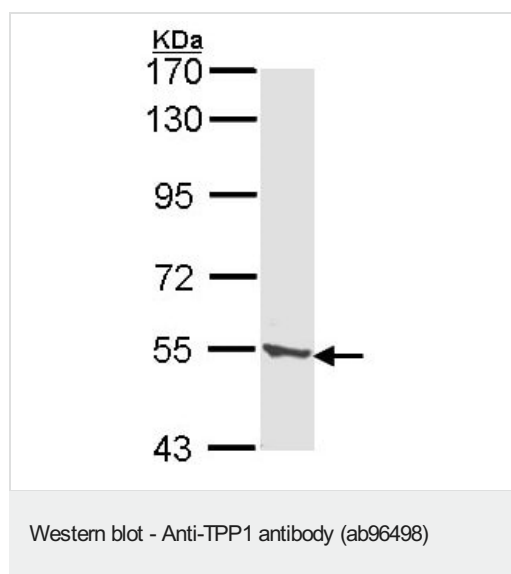
“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|----|-----------|---|
| WB | ★★★★★ (1) | 1/500 - 1/3000. Predicted molecular weight: 61 kDa. |

靶标

| | |
|--------------|---|
| 功能 | Lysosomal serine protease with tripeptidyl-peptidase I activity. May act as a non-specific lysosomal peptidase which generates tripeptides from the breakdown products produced by lysosomal proteinases. Requires substrates with an unsubstituted N-terminus. |
| 组织特异性 | Detected in all tissues examined with highest levels in heart and placenta and relatively similar levels in other tissues. |
| 疾病相关 | Defects in TPP1 are the cause of neuronal ceroid lipofuscinosis type 2 (CLN2) [MIM:204500]. A form of neuronal ceroid lipofuscinosis. Neuronal ceroid lipofuscinoses are progressive neurodegenerative, lysosomal storage diseases characterized by intracellular accumulation of autofluorescent liposomal material, and clinically by seizures, dementia, visual loss, and/or cerebral atrophy. The lipopigment pattern seen most often in CLN2 consists of curvilinear profiles. |
| 序列相似性 | Belongs to the peptidase S53 family. |
| 翻译后修饰 | Activated by autocatalytic proteolytical processing upon acidification. N-glycosylation is required for processing and activity. |
| 细胞定位 | Lysosome. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. |

图片



Anti-TPP1 antibody (ab96498) at 1/1000 dilution + A431 whole cell lysate at 30 μ g

Predicted band size: 61 kDa

7.5% SDS Page

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

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