abcam

Product datasheet

Anti-Calpain 1 antibody ab28258

★★★★★ 6 Abreviews 24 References 1 图像

概述

产品名称	Anti-Calpain 1抗体
描述	兔多克隆抗体to Calpain 1
宿主	Rabbit
特异性	ab28258 recognizes Domain I of the large subunit of Calpain 1. The antibody does not recognize amino-processed Calpain 1, and can be used to discriminate between latent and amino-processed forms. Also ab28258 does not recognize the other calpain family members (M calpain, calpain 94, ncl 2, ncl 3, etc.).
经测试应用	**适用于:** WB
种属反应性	**与反应:** Recombinant fragment
免疫原	Synthetic peptide corresponding to Human Calpain 1. (Peptide available as **ab41299**)
常规说明	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. 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

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	Constituents: PBS, 50% Glycerol
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ab28258于以下的经测试应用**

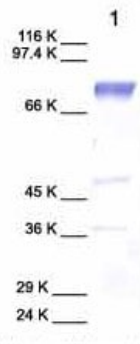
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (3)	1/1000 - 1/5000. Predicted molecular weight: 82 kDa. 1/1000, when using colorimetric substrates such as BCIP/NBT - 1/5000, when using chemiluminescent substrates. But note that when used against the reduced protein, ab28258 identifies bands at 80 kDa, 68 kDa, and a series of further cleaved forms. Dilution optimised using Chromogenic detection.

靶标

功能	Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction.
组织特异性	Ubiquitous.
序列相似性	Belongs to the peptidase C2 family. Contains 1 calpain catalytic domain. Contains 4 EF-hand domains.
细胞定位	Cytoplasm. Cell membrane. Translocates to the plasma membrane upon Ca(2+) binding.

图片



Western blot - Anti-Calpain 1 antibody (ab28258)

Anti-Calpain 1 antibody (ab28258) at 1/1000 dilution + Calpain 1 at 10 µg

Predicted band size: 82 kDa

Observed band size: 80 kDa

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors