abcam

Product datasheet

Anti-14-3-3 zeta antibody ab37560

2 图像

概述

产品名称	Anti-14-3-3 zeta**抗体**
描述	**兔多克隆抗体**to 14-3-3 zeta
宿主	Rabbit
特异性	This antibody is specific for 14-3-3 zeta + delta.
经测试应用	**适用于:** ELISA, WB, IHC-P
种属反应性	**与反应:** Human
免疫原	A KLH conjugated synthetic peptide selected within aa 200~300 of human 14-3-3 zeta (C-terminal)
阳性对照	Jurkat cell lysate and human breast carcinoma.

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	Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein G purified
纯化说明	This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.
克隆	**多克隆**
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用**ab37560**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
ELISA		1/1000.
WB		1/100 - 1/500. Detects a band of approximately 28 kDa (predicted molecular weight: 28 kDa).
IHC-P		1/50 - 1/100.

靶标

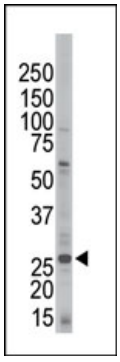
功能 Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner.

序列相似性 Belongs to the 14-3-3 family.

翻译后修饰 The delta, brain-specific form differs from the zeta form in being phosphorylated (By similarity). Phosphorylation on Ser-184 by MAPK8; promotes dissociation of BAX and translocation of BAX to mitochondria. Phosphorylation on Ser-58 by PKA; disrupts homodimerization and heterodimerization with YHAE and TP53. This phosphorylation appears to be activated by sphingosine. Phosphorylation on Thr-232; inhibits binding of RAF1.

细胞定位 Cytoplasm. Melanosome. Located to stage I to stage IV melanosomes.

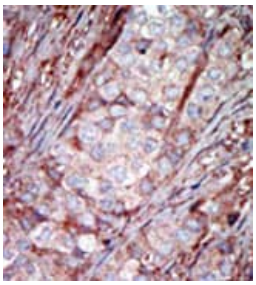
图片



Western blot - Anti-14-3-3 zeta antibody (ab37560)

Anti-14-3-3 zeta antibody (ab37560) at 1/100 dilution + Jurkat cell lysate

Predicted band size: 28 kDa
Observed band size: 28 kDa
Additional bands at: 15 kDa, 60 kDa, 90 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-14-3-3 zeta antibody (ab37560)

Staining of formalin-fixed and paraffin-embedded human breast cancer tissue with ab37560 at a 1/50 dilution (using a peroxidase-conjugated secondary antibody, followed by AEC staining).
These data demonstrate the suitability of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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