


Anti-CBL (phospho S669) antibody [EPR2226(2)] ab108364

重组 RabMAb

★★★★☆ **1 Abreviews** 2 图像

概述

产品名称	Anti-CBL (phospho S669)抗体[EPR2226(2)]
描述	兔单克隆抗体[EPR2226(2)] to CBL (phospho S669)
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HeLa cells treated with pervanadate
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR2226(2)

同种型

IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab108364 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)	1/1000 - 1/10000. Predicted molecular weight: 100 kDa.

应用说明

Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

靶标

功能

Participates in signal transduction in hematopoietic cells. Adapter protein that functions as a negative regulator of many signaling pathways that start from receptors at the cell surface. Acts as an E3 ubiquitin-protein ligase, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their degradation by the proteasome. Recognizes activated receptor tyrosine kinases, including PDGFA, EGF and CSF1, and terminates signaling.

通路

Protein modification; protein ubiquitination.

疾病相关

Defects in CBL are the cause of Noonan syndrome-like disorder (NSL) [MIM:613563]. NSL is a syndrome characterized by a phenotype reminiscent of Noonan syndrome. Clinical features are highly variable, including facial dysmorphism, short neck, developmental delay, hyperextensible joints and thorax abnormalities with widely spaced nipples. The facial features consist of triangular face with hypertelorism, large low-set ears, ptosis, and flat nasal bridge. Some patients manifest cardiac defects.

序列相似性

Contains 1 Cbl-PTB (Cbl-type phosphotyrosine-binding) domain.
Contains 1 RING-type zinc finger.
Contains 1 UBA domain.

结构域

The RING-type zinc finger domain mediates binding to an E2 ubiquitin-conjugating enzyme. The N-terminus is composed of the phosphotyrosine binding (PTB) domain, a short linker region and the RING-type zinc finger. The PTB domain, which is also called TKB (tyrosine kinase binding) domain, is composed of three different subdomains: a four-helix bundle (4H), a calcium-binding EF hand and a divergent SH2 domain.

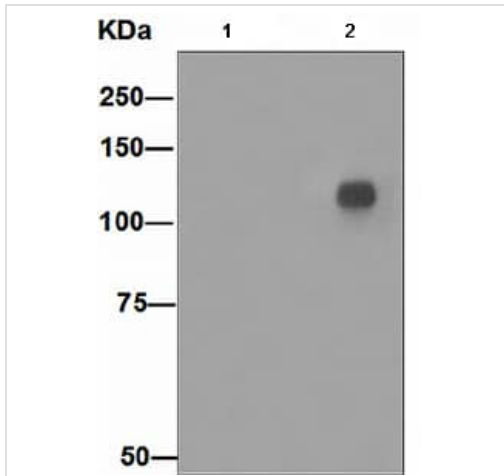
翻译后修饰

Phosphorylated on tyrosine residues by EGFR, SYK, FYN and ZAP70 (By similarity).
Phosphorylated on tyrosine residues by INSR.

细胞定位

Cytoplasm.

图片



Western blot - Anti-CBL (phospho S669) antibody [EPR2226(2)] (ab108364)

All lanes : Anti-CBL (phospho S669) antibody [EPR2226(2)] (ab108364) at 1/1000 dilution

Lane 1 : HeLa cell lysates, untreated

Lane 2 : HeLa cell lysates, treated with pervanadate

Lysates/proteins at 10 µg per lane.

Predicted band size: 100 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-CBL (phospho S669) antibody [EPR2226(2)] (ab108364)

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

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