

Product datasheet

Anti-STAM2 antibody ab63372

2 References 1 图像

概述

| | |
|-------|--|
| 产品名称 | Anti-STAM2抗体 |
| 描述 | 兔多克隆抗体to STAM2 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: ELISA, WB |
| 种属反应性 | 与反应: Mouse, Human |
| 免疫原 | Synthetic non-phosphopeptide derived from human STAM2 around the phosphorylation site of tyrosine 192 (S-L-Y ^P -P-S). |
| 阳性对照 | NIH/3T3 cell extracts treated with EGF (200ng/ml, 30mins). |

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 | Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4 |
| 纯度 | Immunogen affinity purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

Our [Abpromise guarantee](#) covers the use of **ab63372** in the following tested applications.

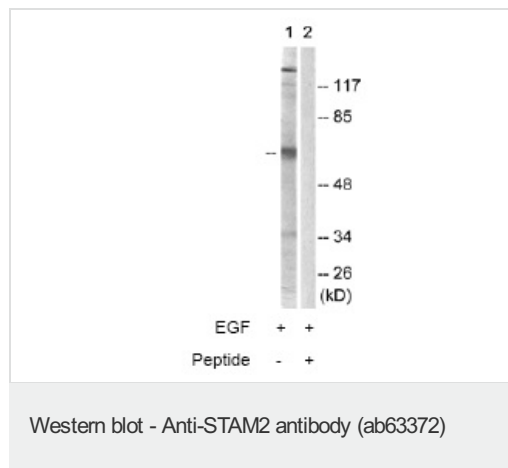
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明 |
|-------|------|--|
| ELISA | | 1/5000. |
| WB | | 1/500 - 1/1000. Detects a band of approximately 58 kDa (predicted molecular weight: 58 kDa). |

靶标

| | |
|--------------|--|
| 功能 | Involves in intracellular signal transduction mediated by cytokines and growth factors. Upon IL-2 and GM-CSF stimulation, it plays a role in signaling leading to DNA synthesis and MYC induction. May also play a role in T-cell development. Involved in down-regulation of receptor tyrosine kinase via multivesicular body (MVBs) when complexed with HGS (ESCRT-0 complex). The ESCRT-0 complex binds ubiquitin and acts as sorting machinery that recognizes ubiquitinated receptors and transfers them to further sequential lysosomal sorting/trafficking processes. |
| 组织特异性 | Ubiquitously expressed. |
| 序列相似性 | Belongs to the STAM family. Contains 1 ITAM domain. Contains 1 SH3 domain. Contains 1 UIM (ubiquitin-interacting motif) repeat. Contains 1 VHS domain. |
| 结构域 | The VHS and UIM domains mediate the interaction with ubiquitinated proteins. The SH3 domain mediates the interaction with USP8. Contains one Pro-Xaa-Val-Xaa-Leu (PxVxL) motif, which is required for interaction with chromoshadow domains. This motif requires additional residues -7, -6, +4 and +5 of the central Val which contact the chromoshadow domain. |
| 翻译后修饰 | Phosphorylated in response to IL-2, GM-CSF, EGF and PDGF. |
| 细胞定位 | Cytoplasm. Early endosome membrane. |

图片



All lanes : Anti-STAM2 antibody (ab63372) at 1/500 dilution

Lane 1 : NIH/3T3 cell extracts treated with EGF (200ng/ml, 30mins)

Lane 2 : NIH/3T3 cell extracts treated with EGF (200ng/ml, 30mins) with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 58 kDa

Observed band size: 58 kDa

Additional bands at: >117 kDa, 38 kDa. We are unsure as to the identity of these extra bands.

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