

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 <sup>P</sup> -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 <sup>2+</sup> and Ca <sup>2+</sup> ), 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

Involved 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.

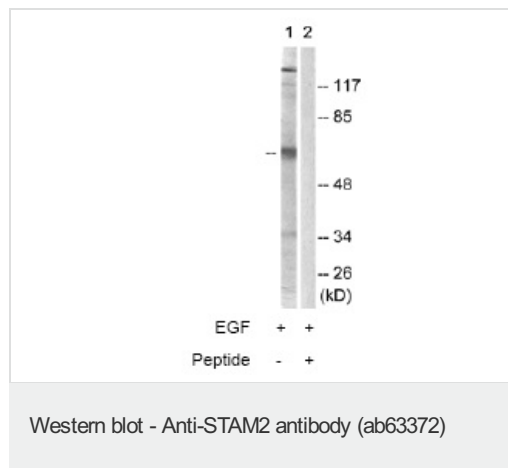
### 翻译后修饰

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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