

## 信号转导衔接蛋白 1 抗体

产品货号： mlR7878

英文名称： STAM

中文名称： 信号转导衔接蛋白 1 抗体

别名： Signal transducing adapter molecule 1; Signal transducing adapter molecule 2; Signal transducing adaptor molecule (SH3 domain and ITAM motif) 1; Signal transducing adaptor molecule; STAM 1; STAM-2; STAM1; Stam2; STAM2\_HUMAN; DKFZp686J2352; Hrs-binding protein; HSE1 homolog; OTTHUMP00000019237.

研究领域： 细胞生物 信号转导 细胞周期蛋白 细胞分化

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量：59kDa

细胞定位：细胞浆 细胞膜

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human STAM:101-200/540

亚型：IgG

纯化方法：affinity purified by Protein A

储存液：0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件：Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed：PubMed

产品介绍：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.

**Function:**

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 (By similarity).

**Subunit:**

Component of the ESCRT-0 complex composed of STAM or STAM2 and HGS. Probably part of a complex at least composed of HSG, STAM and EPS15. Interacts with STAMBP/AMSH. Interacts with PDGFRB.

**Subcellular Location:**

Cytoplasm. Early endosome membrane; Peripheral membrane protein; Cytoplasmic side.

**Tissue Specificity:**

Ubiquitously expressed.

**Post-translational modifications:**

Phosphorylated in response to IL-2, GM-CSF, EGF and PDGF.

**Similarity:**

Belongs to the STAM family.

Contains 1 ITAM domain.

Contains 1 SH3 domain.

Contains 1 UIM (ubiquitin-interacting motif) repeat.

Contains 1 VHS domain.

**SWISS:**

O75886

**Gene ID:**

10254

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

