

**STAM2 Polyclonal Antibody**  
**Catalog # AP72618****Specification**

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**STAM2 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IF
Primary Accession	<a href="#">O75886</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

**STAM2 Polyclonal Antibody - Additional Information****Gene ID** 10254**Other Names**

STAM2; HBP; Signal transducing adapter molecule 2; STAM-2; Hrs-binding protein

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

IHC-P~~N/A

IF~~1:50~200

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**STAM2 Polyclonal Antibody - Protein Information****Name** STAM2**Synonyms** HBP**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 a sorting machinery that recognizes ubiquitinated receptors and transfers them to further sequential lysosomal sorting/trafficking processes (By similarity).

**Cellular Location**

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

**Tissue Location**

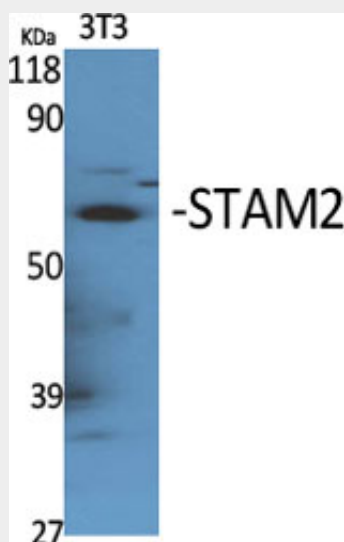
Ubiquitously expressed.

### STAM2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### STAM2 Polyclonal Antibody - Images



### STAM2 Polyclonal Antibody - Background

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).