


# Anti-STAM1 antibody ab155527

2 Images

### Overview

<b>Product name</b>	Anti-STAM1 antibody
<b>Description</b>	Rabbit polyclonal to STAM1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Recombinant fragment corresponding to a region within amino acids 147-362 of Human STAM (UniProt Q92783).
<b>Positive control</b>	Jurkat, Raji, K562 and NCI-H929 whole cell lysates; Human colon carcinoma tissue.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 79.99% PBS, 20% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab155527 in the following tested applications.

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

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 59 kDa.
IHC-P		1/100 - 1/1000.

## Target

### Function

Involved in intracellular signal transduction mediated by cytokines and growth factors. Upon IL-2 and GM-CSL 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.

### Tissue specificity

Ubiquitously expressed.

### Sequence similarities

Belongs to the STAM family.  
Contains 1 ITAM domain.  
Contains 1 SH3 domain.  
Contains 1 UIM (ubiquitin-interacting motif) repeat.  
Contains 1 VHS domain.

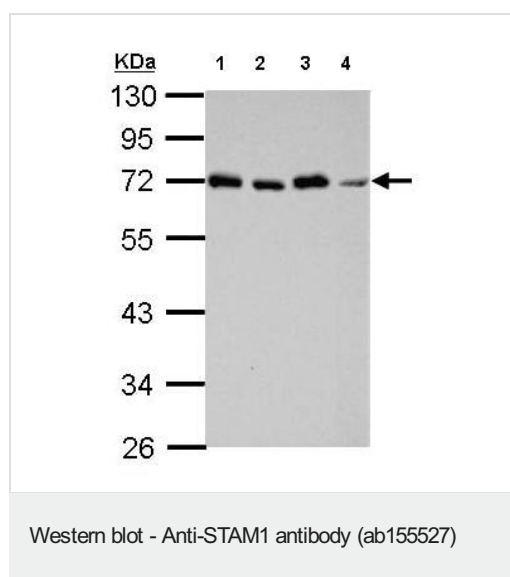
### Post-translational modifications

Phosphorylated on Tyr-198. Phosphorylated in response to IL2, IL3, IL4, IL7, CSF2/GM-CSF, EGF and PDGFB. Phosphorylated by activated PDGFRB.

### Cellular localization

Cytoplasm. Early endosome membrane.

## Images



**All lanes :** Anti-STAM1 antibody (ab155527) at 1/1000 dilution

**Lane 1 :** Jurkat whole cell lysate

**Lane 2 :** Raji whole cell lysate

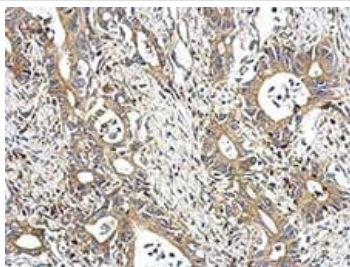
**Lane 3 :** K562 whole cell lysate

**Lane 4 :** NCI-H929 whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 59 kDa

10% SDS PAGE



Immunohistochemical analysis of paraffin-embedded Human colon carcinoma tissue labeling STAM with ab155527 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STAM1 antibody (ab155527)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Response to your inquiry within 24 hours
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