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# Datasheet for ABIN7169694 anti-STAM2 antibody (AA 376-525)

3 Images



### Overview

| Quantity:            | 100 μL   |
|----------------------|--|
| Target:              | STAM2  |
| Binding Specificity: | AA 376-525   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This STAM2 antibody is un-conjugated                     |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

## Product Details

| Immunogen:        | Recombinant Human Signal transducing adapter molecule 2 protein (376-525AA) |
|-------------------|---|
| Isotype:          | lgG   |
| Cross-Reactivity: | Human   |
| Purification:     | Antigen Affinity Purified   |

## Target Details

| Target:           | STAM2  |
|-------------------|--|
| Alternative Name: | STAM2 (STAM2 Products)   |
| Background:       | Background: 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 |

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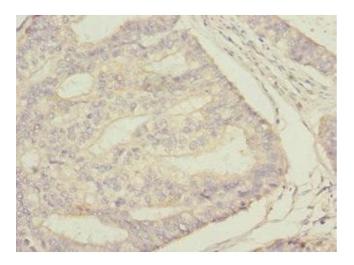
Storage:

|                     | 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 recognize     |
|                     | ubiquitinated receptors and transfers them to further sequential lysosomal sorting/trafficking |
|                     | processes (By similarity).   |
|                     | Aliases: DKFZp564C047 antibody, Hbp antibody, Hrs-binding protein antibody, HSE1 homolog       |
|                     | antibody, Signal transducing adapter molecule 2 antibody, Signal transducing adaptor molecul   |
|                     | (SH3 domain and ITAM motif) 2 antibody, Signal transducing adaptor molecule 2A antibody,       |
|                     | Signal transducing adaptor molecule 2B antibody, Signal transducing adaptor molecule           |
|                     | antibody, STAM like protein containing SH3 and ITAM domains 2 antibody, STAM-2 antibody,       |
|                     | Stam2 antibody, STAM2_HUMAN antibody, STAM2A antibody, STAM2B antibody                         |
| UniProt:            | 075886   |
| Pathways:           | EGFR Signaling Pathway, EGFR Downregulation  |
| Application Details |  |
| Application Notes:  | Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,  |
| Restrictions:       | For Research Use only  |
| Handling            |  |
| Format:             | Liquid   |
| Buffer:             | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.   |
| Preservative:       | Sodium azide   |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which                  |
|                     | should be handled by trained staff only.   |

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

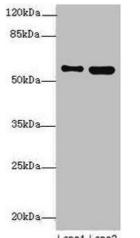
-20 °C,-80 °C

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#### Immunohistochemistry

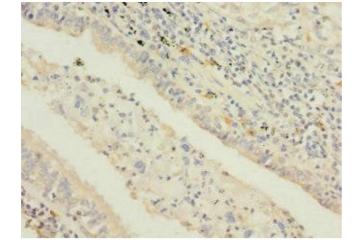
**Image 1.** Immunohistochemistry of paraffin-embedded human endometrial cancer using ABIN7169694 at dilution of 1:100



#### Lane1 Lane2

#### Western Blotting

**Image 2.** Western blot All lanes: STAM2 antibody at 4.09  $\mu$  g/mL Lane 1: 293T whole cell lysate Lane 2: Hela whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 59, 39 kDa Observed band size: 59 kDa



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7169694 at dilution of 1:100

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