

# Rabbit anti-Human STAG3 Polyclonal Antibody | anti-STAG3 antibody

Anti-STAG3 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA260762 | Rabbit | Human      | Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot |

## PRODUCT SYNONYMS

STAG3; Polyclonal Antibody; Anti-STAG3 Antibody; Cohesin subunit SA-3; SCC3 homolog 3; Stromal antigen 3; Stromalin-3; anti-STAG3 antibody

## PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                               |
| Reactivity                                      | Human                                                                                                                                |
| Clonality                                       | Polyclonal                                                                                                                           |
| Specificity                                     | Recognizes endogenous levels of STAG3 protein.                                                                                       |
| Purity/Purification                             | The antibody was purified by affinity chromatography.                                                                                |
| Form/Format                                     | Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% Sodium Azide.                                                                             |
| Sequence Length                                 | 1225                                                                                                                                 |
| Applicable Applications for anti-STAG3 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                    |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human STAG3. The exact sequence is proprietary. |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                       |

## IMAGES



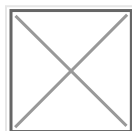
### IF (Immunofluorescence)

Immunofluorescent analysis of STAG3 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



### IHC (Immunohistochemistry)

Immunohistochemical analysis of STAG3 staining in human testis formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



### WB (Western Blot)

Western blot analysis of STAG3 expression in U251 (A), Jurkat (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| Related Product Information for anti-STAG3 antibody | Rabbit polyclonal antibody to STAG3 |
|-----------------------------------------------------|-------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 68847235                                       |
| NCBI GeneID                      | 10734                                          |
| UniProt Accession #              | Q9UJ98; Q8NDP3; A6H8Z1; B4DZ10; D6W5U8; H7BYK9 |
| Molecular Weight                 | 132,319 Da                                     |
| NCBI Official Full Name          | Cohesin subunit SA-3                           |
| NCBI Official Synonym Full Names | stromal antigen 3                              |
| NCBI Official Symbol             | STAG3                                          |
| NCBI Protein Information         | cohesin subunit SA-3                           |
| UniProt Protein Name             | Cohesin subunit SA-3                           |
| UniProt Gene Name                | STAG3                                          |
| UniProt Entry Name               | STAG3_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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