



Anti-STAG3 polyclonal antibody (DPAB-DC2102)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | STAG3 (stromal antigen 3) is a protein-coding gene. Diseases associated with STAG3 include williams-beuren syndrome, and male infertility, and among its related super-pathways are Meiotic Synapsis and Cell Cycle, Mitotic. An important paralog of this gene is STAG1. |
| Specificity | The immunizing peptide was designed based on the Mouse protein sequence with one residue of a difference from the human sequence. |
| Immunogen | A synthetic peptide corresponding to mouse Stag3. The sequence is C-KHYNKFYEDYGD |
| Source/Host | Goat |
| Species Reactivity | Mouse |
| Purification | Antigen affinity purification |
| Conjugate | Unconjugated |
| Applications | ELISA, |
| Format | Liquid |
| Concentration | 0.5 mg/mL |
| Size | 100 µg |
| Buffer | In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide) |
| Preservative | 0.02% Sodium Azide |
| Storage | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | Stag3 stromal antigen 3 [Mus musculus (house mouse)] |
| Official Symbol | STAG3 |
| Synonyms | STAG3; stromal antigen 3; SA-2; cohesin subunit SA-3; stromalin 3; stromalin-3; SCC3 homolog 3; |
| Entrez Gene ID | 50878 |
| Protein Refseq | NP_058660 |
| UniProt ID | O70576 |
| Chromosome Location | 5 G2; 5 77.01 cM |
| Pathway | Cell Cycle; Meiosis; Meiotic synapsis; Oocyte meiosis |
| Function | protein binding; |