



## Anti-STAG3 polyclonal antibody (DPAB-DC2102)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	The immunizing peptide was designed based on the Mouse protein sequence with one residue of a difference from the human sequence.
<b>Immunogen</b>	A synthetic peptide corresponding to mouse Stag3. The sequence is C-KHYNKFYEDYGD
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

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