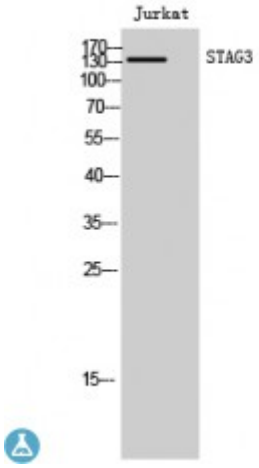
Anti-STAG3 antibody



Description	Rabbit polyclonal to STAG3.

Model	STJ95799
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human STAG3
Immunogen Region	1140-1220 aa, C-terminal
Gene ID	10734
Gene Symbol	STAG3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	STAG3 Polyclonal Antibody detects endogenous levels of STAG3 protein.
Tissue Specificity	Testis specific.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cohesin subunit SA-3 SCC3 homolog 3 Stromal antigen 3 Stromalin-3
Molecular Weight	139 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11356OMIM:608489
Alternative Names	Cohesin subunit SA-3 SCC3 homolog 3 Stromal antigen 3 Stromalin-3
Function	Meiosis specific component of cohesin complex. The cohesin complex is required for the cohesion of sister chromatids after DNA replication. The cohesin complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. The meiosis-specific cohesin complex probably replaces mitosis specific cohesin complex when it dissociates from chromatin during prophase I.
Cellular Localization	Nucleus Chromosome Chromosome, centromere. Associates with chromatin. In prophase I stage of meiosis, it is found along the axial elements of synaptonemal complexes. In late-pachytene-diplotene, the bulk of protein dissociates from the chromosome arms probably because of phosphorylation by PLK1, except at centromeres, where cohesin complexes remain. It however remains chromatin associated at the centromeres up to metaphase I. During anaphase I, it probably dissociates from centromeres, allowing chromosomes segregation.
Post-translational Modifications	Phosphorylated.