

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

STAG3 Polyclonal Antibody

CATALOG # AAA295841	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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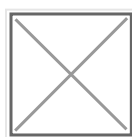
PRODUCT SYNONYMS

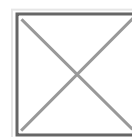
STAG3; Polyclonal Antibody; STAG3 Polyclonal Antibody; Cohesin subunit SA-3; SCC3 homolog 3; Stromal antigen 3; Stromalin-3; anti-STAG3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Applicable Applications for anti-STAG3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Cellular Location	Nucleus. Chromosome Chromosome, centromere. Note=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
Tissue Location	Testis specific.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.

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ADDITIONAL INFORMATION

Related Product Information for anti-STAG3 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	57863310
NCBI GeneID	10734

NCBI Accession #	NP_036579.2
NCBI GenBank Nucleotide #	NM_012447.2
UniProt Accession #	Q9UJ98 ; Q8NDP3 ; A6H8Z1 ; D6W5U8
Molecular Weight	139,034 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; stromalin 3; stromalin-3; SCC3 homolog 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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/stag3-antibody-immunohistochemistry-western-blot-elisa/295841>