

Goat Anti-STAG2 Antibody

Peptide-affinity purified goat antibody Catalog # AF2037a

Specification

Goat Anti-STAG2 Antibody - Product Information

Application WB
Primary Accession O8N3U4

Other Accession NP 006594, 10735, 20843 (mouse)

Reactivity Humar

Predicted Mouse, Rat, Dog

Host Goat
Clonality Polyclonal
Concentration 100ug/200ul

Isotype IgG
Calculated MW 141326

Goat Anti-STAG2 Antibody - Additional Information

Gene ID 10735

Other Names

Cohesin subunit SA-2, SCC3 homolog 2, Stromal antigen 2, STAG2, SA2

Format

0.5 mg lgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-STAG2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-STAG2 Antibody - Protein Information

Name STAG2

Synonyms SA2

Function

Component of cohesin complex, a complex 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 cohesin complex may also play a role in



spindle pole assembly during mitosis.

Cellular Location

Nucleus. Chromosome. Chromosome, centromere. Note=Associates with chromatin. Before prophase it is scattered along chromosome arms. During prophase, most of cohesin complexes dissociate from chromatin probably because of phosphorylation by PLK1, except at centromeres, where cohesin complexes remain. At anaphase, the RAD21 subunit of cohesin is cleaved, leading to the dissociation of the complex from chromosomes, allowing chromosome separation. In germ cells, cohesin complex dissociates from chromatin at prophase I, and may be replaced by a meiosis-specific cohesin complex

Goat Anti-STAG2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-STAG2 Antibody - Images



AF2037a (0.01 μ g/ml) staining of HeLa cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-STAG2 Antibody - References

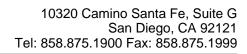
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