

STAG2 Recombinant Antibody



RACO0394

Product Information

Size:

50ul

Reactivity:

Human

Source:

Homo sapiens (Human)

Isotype:

Rabbit IgG

Applications:

ELISA, WB, IF

Recommended dilutions:

WB:1:500-1:5000, IF:1:20-1:200

Protein Background:

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.

Gene ID:

STAG2

Uniprot

Q8N3U4

Synonyms:

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

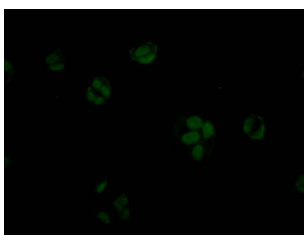
Immunogen:

A synthesized peptide derived from human SA2.

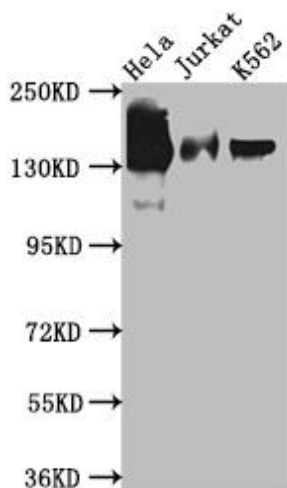
Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Immunofluorescence staining of MCF7 Cells with RACO0394 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



Western Blot

Positive WB detected in(HeLa whole cell lysate) Jurkat whole cell lysate) K562 whole cell lysate) All lanes: SA2 antibody at 1:1000

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 142, 146 kDa

Observed band size: 142 kDa