

STAG2 recombinant antibody

STAG2 Antibody

CATALOG # AAA243901	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

STAG2; Monoclonal Recombinant Antibody; STAG2 Antibody; Cohesin subunit SA-2 (SCC3 homolog 2) (Stromal antigen 2); SA2; STAG2 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	3H4
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for STAG2 recombinant antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human SA2
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of MCF7 Cells at 1750, 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 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG ?H+L?.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, Jurkat whole cell lysate, K562 whole cell lysateAll lanes: SA2 antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 142, 146 kDaObserved band size: 142 kDa

ADDITIONAL INFORMATION

Related Product Information for STAG2 recombinant antibody	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.
Product Categories/Family for STAG2 recombinant antibody	Epigenetics and Nuclear Signaling; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	31563531
NCBI GeneID	10735
NCBI Accession #	NP_006594.3
NCBI GenBank Nucleotide #	NM_006603.4
UniProt Accession #	Q8N3U4; O00540; Q5JTI6; Q68DE9; Q9H1N8; B1AMT5; D3DTF5
Molecular Weight	145,751 Da
NCBI Official Full Name	cohesin subunit SA-2 isoform b
NCBI Official Synonym Full Names	stromal antigen 2
NCBI Official Symbol	STAG2
NCBI Official Synonym Symbols	SA2; SA-2; SCC3B; bA517O1.1
NCBI Protein Information	cohesin subunit SA-2; SCC3 homolog 2
UniProt Protein Name	Cohesin subunit SA-2
UniProt Gene Name	STAG2
UniProt Synonym Gene Names	SA2
UniProt Entry Name	STAG2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/stag2-recombinant-antibody-clone-3h4-immunofluorescence-western-blot-elisa/243901>