

Product Datasheet

STAG2 Antibody - BSA Free

NB100-300

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 7

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NB100-300

STAG2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

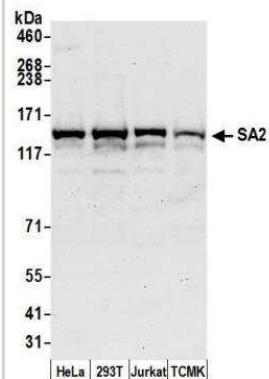
Product Description	
Description	Novus Biologicals Goat STAG2 Antibody - BSA Free (NB100-300) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-STAG2 Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	10735
Gene Symbol	STAG2
Species	Human, Mouse
Immunogen	A 31 amino acid synthetic peptide, which represented a portion of human Stromal Antigen 2 encoded within exon 31 (LocusLink ID 10735). Host: Goat A 31 amino acid synthetic peptide, which represented a portion of human Stromal Antigen 2 encoded within exon 31 (LocusLink ID 10735).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunocytochemistry/ Immunofluorescence 1:500-1:2000

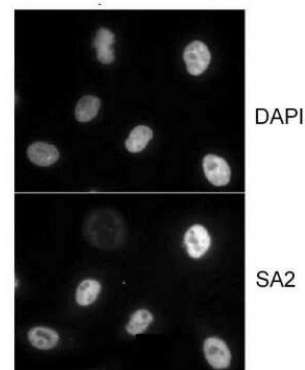


Images

Western Blot: STAG2 Antibody [NB100-300] - Detection of human and mouse SA2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, and mouse TCMK-1 cells prepared using NETN lysis buffer. Antibody: Affinity purified goat anti-SA2 antibody NB100-300 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunocytochemistry/Immunofluorescence: STAG2 Antibody [NB100-300] - HeLa cells that were extracted for 5 min. at 4C in 0.5% Triton in CSK buffer. Antibody used at 1 ug/ml.



Publications

Zhang N, Panigrahi AK, Mao Q et al. Interaction of Sororin protein with polo-like kinase 1 mediates resolution of chromosomal arm cohesion. *J Biol Chem*. 2011-12-02 [PMID: 21987589] (WB, Human)

Kong X, Mohanty SK, Stephens J et al. Comparative analysis of different laser systems to study cellular responses to DNA damage in mammalian cells. *Nucleic Acids Res* 2009-05-01 [PMID: 19357094]

Kong X, Ball AR Jr, Sonoda E et al. Cohesin associates with spindle poles in a mitosis-specific manner and functions in spindle assembly in vertebrate cells. *Mol Biol Cell* 2009-03-01 [PMID: 19116315]

Dai J, Sullivan BA, Higgins JM et al. Regulation of mitotic chromosome cohesion by Haspin and Aurora B. *Dev Cell* 2006-11-01 [PMID: 17084365]

Zhu Y, Wu Z, Cardoso MC et al. Processing of lagging-strand intermediates in vitro by herpes simplex virus type 1 DNA polymerase. *J Virol* 2010-08-01 [PMID: 20444887]

Zhang N, Kuznetsov SG, Sharan SK et al. A huff model for the cohesin complex. *J Cell Biol*;183(6):1019-1031. 2008 -01-01 [PMID: 19075111]

Yalcin S, Zhang X, Luciano JP et al. Foxo3 is essential for the regulation of ataxia telangiectasia mutated and oxidative stress-mediated homeostasis of hematopoietic stem cells. *J Biol Chem* 2008-09-01 [PMID: 18424439]



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Products Related to NB100-300

NB800-PC9	HeLa Nuclear Cell Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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