

# Product Datasheet

## STAG2 Antibody NBP1-51992

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-51992****STAG2 Antibody****Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

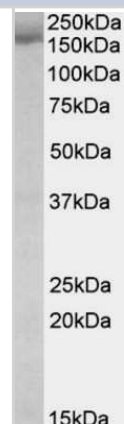
<b>Host</b>	Goat
<b>Gene ID</b>	10735
<b>Gene Symbol</b>	STAG2
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both reported isoforms (NP_001036214.1; NP_006594.3). Reported variants NP_001036215.1 and NP_001036214.1 represent identical protein: Reported variants NP_001036216.1 and NP_006594.3 represent identical protein.
<b>Immunogen</b>	Peptide with sequence C-SRGSTVRSKKS KPST corresponding to internal region according to NP_006594.3.

**Product Application Details**

<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:32000
<b>Application Notes</b>	WB: Approx. 160 kDa band observed in K562 lysates, ~140 kDa band in rodent spleen, and ~150 kDa band in mouse thymus lysates (calculated MW of 146 kDa band according to human NP_001036214.1 and 140 kDa band according to mouse NP_001071180.1).

**Images**

Western Blot: STAG2 Antibody [NBP1-51992] - (0.03ug/ml) staining of K562 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Hauf S, Roitinger E, Koch B et al. Dissociation of cohesin from chromosome arms and loss of arm cohesion during early mitosis depends on phosphorylation of SA2. PLoS Biol 2005-03-01 [PMID: 15737063]





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### **Products Related to NBP1-51992**

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
NBP1-87096PEP	STAG2 Recombinant Protein Antigen

### **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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