

# Product Datasheet

## Serpin G1/C1 Inhibitor Antibody - BSA Free NBP1-32478

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 2

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Updated 9/25/2025 v.20.1

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**NBP1-32478**

Serpine G1/C1 Inhibitor Antibody - BSA Free

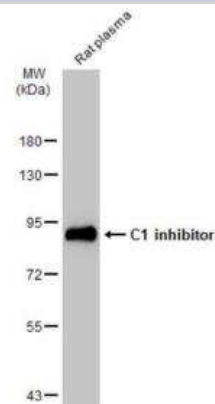
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	55 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Serpin G1/C1 Inhibitor Antibody - BSA Free (NBP1-32478) is a polyclonal antibody validated for use in IHC and WB. Anti-Serpine G1/C1 Inhibitor Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	710
<b>Gene Symbol</b>	SERPING1
<b>Species</b>	Human, Mouse, Rat, Bovine
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Serpin G1/C1 Inhibitor. The exact sequence is proprietary.

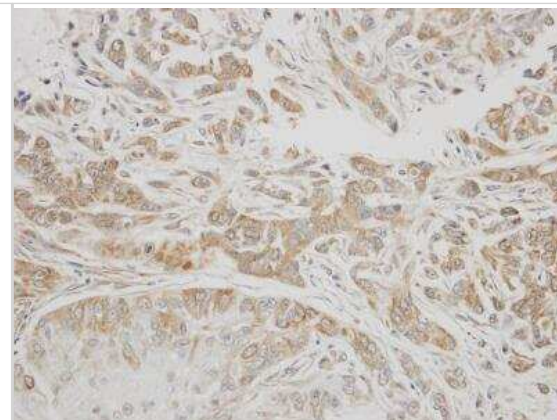
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

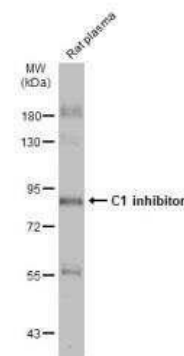
Western Blot: Serpin G1/C1 Inhibitor Antibody [NBP1-32478] - Rat plasma (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with C1 inhibitor antibody [N1C3] diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



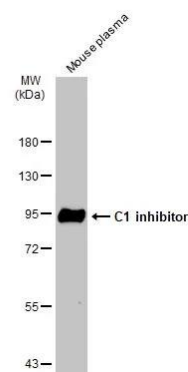
Immunohistochemistry-Paraffin: Serpin G1/C1 Inhibitor Antibody [NBP1-32478] - A549 xenograft, using C1 inhibitor antibody at 1:300 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



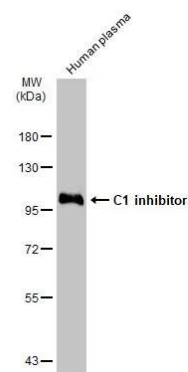
Western Blot: Serpin G1/C1 Inhibitor Antibody [NBP1-32478] - Rat plasma (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Serpin G1/C1 inhibitor antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: Serpin G1/C1 Inhibitor Antibody [NBP1-32478] - Mouse plasma (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Serpin G1/C1 Inhibitor antibody [N1C3] (NBP1-32478) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: Serpin G1/C1 Inhibitor Antibody [NBP1-32478] - Human plasma (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Serpin G1/C1 Inhibitor antibody [N1C3] (NBP1-32478) diluted at 1:15000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

Ni Y, Wu GH, Cai JJ et al. Tubule-mitophagic secretion of SerpinG1 reprograms macrophages to instruct anti-septic acute kidney injury efficacy of high-dose ascorbate mediated by NRF2 transactivation International journal of biological sciences 2022-08-08 [PMID: 35982894] (Chemotaxis, IHC-P, WB)

Hayashi KG, Ushizawa K, Hosoe M, Takahashi T. Differential gene expression of serine protease inhibitors in bovine ovarian follicle: possible involvement in follicular growth and atresia. Reprod Biol Endocrinol. 2011-05-27 [PMID: 21619581] (IF/IHC, Bovine)





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-32478**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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