

# Product Datasheet

## Serpin A8/Angiotensinogen Antibody (1) - Azide and BSA Free NBP2-89736-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-89736-100ul**

Serpine A8/Angiotensinogen Antibody (1) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

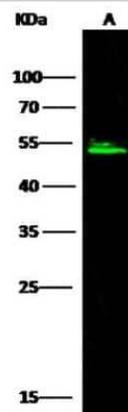
Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	183
Gene Symbol	AGT
Species	Human
Specificity/Sensitivity	No cross-reactivity in ELISA with:  Human SerpinA1 / A1AT Human SerpinA3 / SERPINA3 / AACT Human SerpinA5 / Protein C inhibitor Human SerpinD1 / HC2 Human SerpinF2 / SERPINF2 Human SerpinG1 / C1IN Human SerpinI1 / Protease inhibitor 12 Human SerpinC1 /SERPINC1/ Antithrombin-III
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Human Serpin A8/Angiotensinogen (Accession#: NP_000020.1; Met 1-Ala 485).

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:25-1:100, ELISA 1:5000-1:10000, Immunocytochemistry/ Immunofluorescence 1:20-1:100, Immunoprecipitation 4-6 uL/mg of lysate

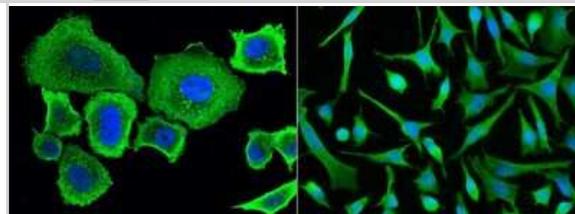


## Images

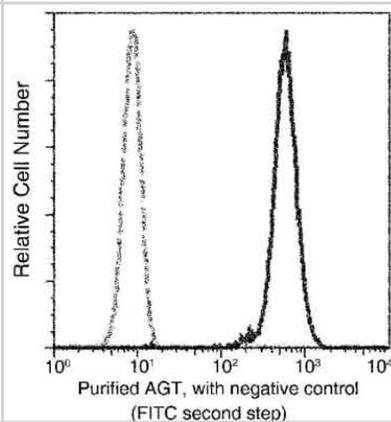
Western Blot: Serpin A8/Angiotensinogen Antibody (1) [NBP2-89736] - Lane A: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:53 kDa Observed band size:53 kDa



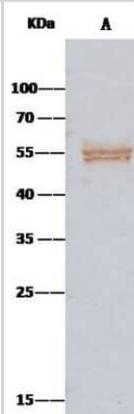
Immunocytochemistry/Immunofluorescence: Serpin A8/Angiotensinogen Antibody (1) [NBP2-89736] - Staining of Human AGT in Hela or SKBR3 cells. Cells were fixed with 4% PFA, permeabilized with 1% Triton X-100 in PBS, blocked with 10% serum, and incubated with Rabbit anti-Human AGT monoclonal antibody (1:60). Then cells were stained with the Alexa Fluor(R) 488-conjugated Goat Anti-rabbit IgG secondary antibody (left panel, captured by laser confocal scanning microscope; right panel, captured by fluorescence microscope), countstained with DAPI (blue). Positive staining was localized to cytoplasm.



Flow Cytometry: Serpin A8/Angiotensinogen Antibody (1) [NBP2-89736] - Analysis of Human AGT expression on HepG2 cells. The cells were treated, stained with purified anti-Human AGT, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



Immunoprecipitation: Serpin A8/Angiotensinogen Antibody (1) [NBP2-89736] - Lane A:0.5 mg HepG2 Whole Cell Lysate 2 uL anti-SerpinA8 rabbit monoclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-SerpinA8 rabbit monoclonal antibody, at 1:200 dilution Secondary antibody: Clean-Bloto IP Detection Reagent (HRP) at 1:500 dilution Developed using the DAB staining technique. Performed under reducing conditions. Predicted band size: 51 kDa Observed band size: 51 kDa





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### **Products Related to NBP2-89736-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-30027PEP	Serpin A8/Angiotensinogen Antibody Blocking Peptide

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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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