

# Product Datasheet

## PSAT1 Antibody (GT1353) - Azide and BSA Free NBP3-13548

Unit Size: 100 ul

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

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**NBP3-13548**

PSAT1 Antibody (GT1353) - Azide and 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>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	GT1353
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

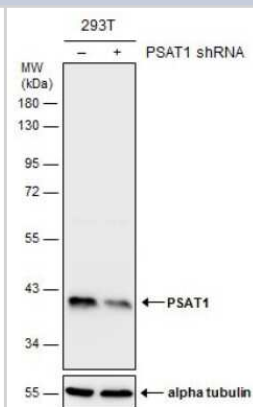
<b>Description</b>	Centrifuge briefly prior to opening.
<b>Host</b>	Mouse
<b>Gene ID</b>	29968
<b>Gene Symbol</b>	PSAT1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Xenopus laevis (82%)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human PSAT1. The exact sequence is proprietary.

**Product Application Details**

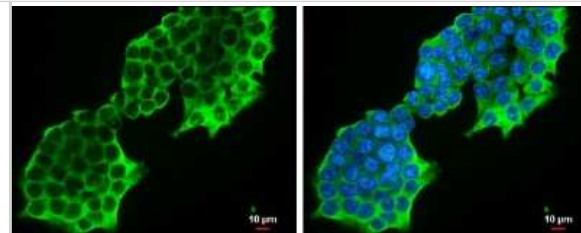
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, Immunocytochemistry/ Immunofluorescence

**Images**

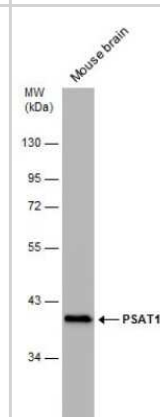
Western Blot: PSAT1 Antibody (GT1353) [NBP3-13548] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PSAT1 antibody [GT1353] (NBP3-13548) diluted at 1:500.



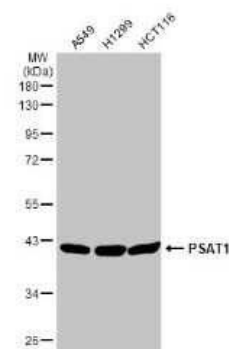
**Immunocytochemistry/Immunofluorescence: PSAT1 Antibody (GT1353) [NBP3-13548]** - PSAT1 antibody [GT1353] detects PSAT1 protein at cytoplasm by immunofluorescent analysis. Sample: HCT 116 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: PSAT1 protein stained by PSAT1 antibody [GT1353] (NBP3-13548) diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10  $\mu$ m.



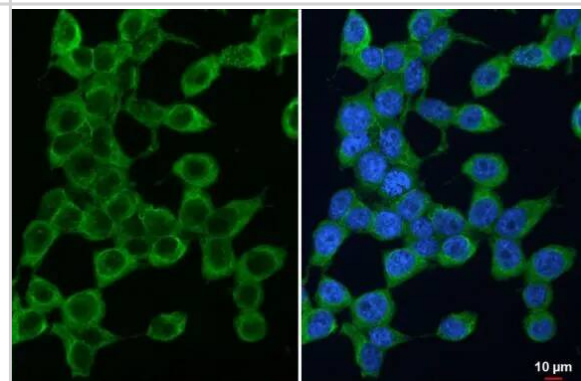
**Western Blot: PSAT1 Antibody (GT1353) [NBP3-13548]** - Mouse tissue extract (50  $\mu$ g) was separated by 10% SDS-PAGE, and the membrane was blotted with PSAT1 antibody [GT1353] (NBP3-13548) diluted at 1:1000.



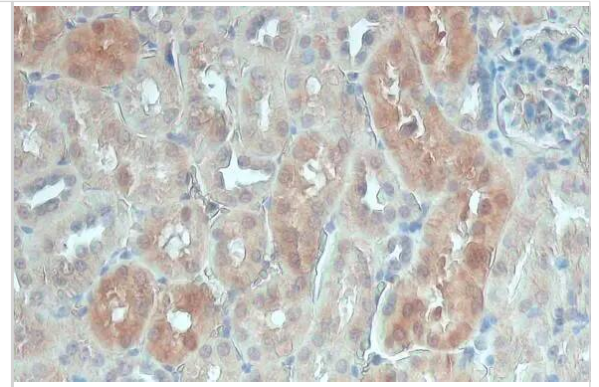
**Western Blot: PSAT1 Antibody (GT1353) [NBP3-13548]** - Various whole cell extracts (30  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with PSAT1 antibody [GT1353] (NBP3-13548) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody.



**Immunocytochemistry/ Immunofluorescence: PSAT1 Antibody (GT1353) [NBP3-13548]** - PSAT1 antibody [GT1353] detects PSAT1 protein at cytoplasm by immunofluorescent analysis. Sample: 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: PSAT1 stained by PSAT1 antibody [GT1353] (NBP3-13548) diluted at 1:500. Blue: Fluoroshield with DAPI .



Immunohistochemistry-Paraffin: PSAT1 Antibody (GT1353) [NBP3-13548] - PSAT1 antibody [GT1353] detects secreted PSAT1 protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse kidney. PSAT1 stained by PSAT1 antibody [GT1353] (NBP3-13548) diluted at 1:200. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





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### **Products Related to NBP3-13548**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-78827-100ug	Recombinant Human PSAT1 His Protein

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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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