

# Product Datasheet

## Somatostatin Antibody (HL1101) - Azide and BSA Free NBP3-13719

Unit Size: 100 ul

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

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**NBP3-13719**

Somatostatin Antibody (HL1101) - 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>	HL1101
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

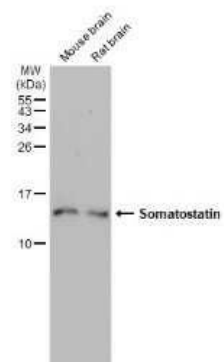
<b>Description</b>	Centrifuge briefly prior to opening.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6750
<b>Gene Symbol</b>	SST
<b>Species</b>	Mouse, Rat
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of mouse Somatostatin. The exact sequence is proprietary.

**Product Application Details**

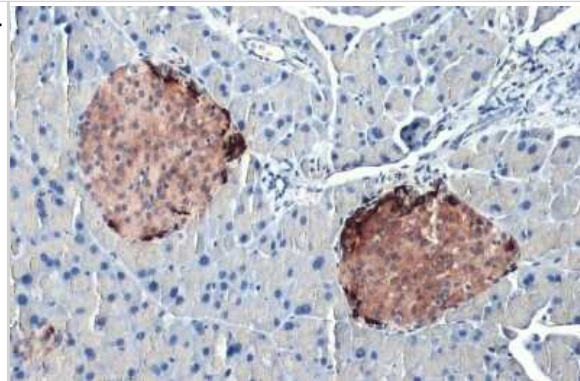
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin

**Images**

Western Blot: Somatostatin Antibody (HL1101) [NBP3-13719] - Various tissue extracts (50 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with Somatostatin antibody [HL1101] (NBP3-13719) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



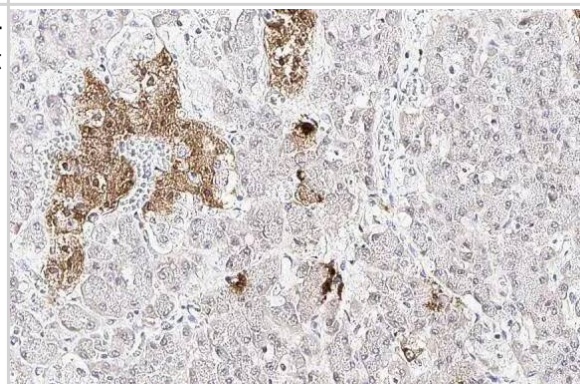
Immunohistochemistry-Paraffin: Somatostatin Antibody (HL1101) [NBP3-13719] - Somatostatin antibody [HL1101] detects secreted Somatostatin protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse pancreas. Somatostatin stained by Somatostatin antibody [HL1101] (NBP3-13719) diluted at 1:1000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



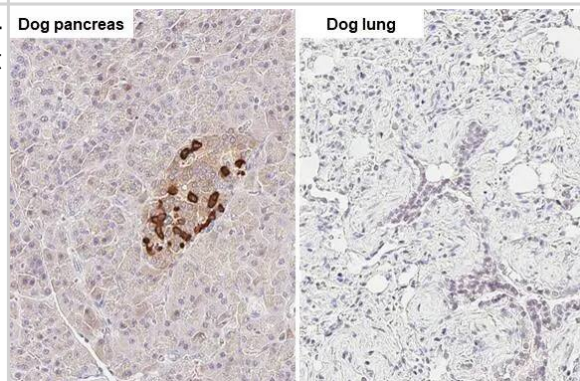
Immunohistochemistry-Paraffin: Somatostatin Antibody (HL1101) [NBP3-13719] - Somatostatin antibody [HL1101] detects Somatostatin protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. Green: Somatostatin stained by Somatostatin antibody [HL1101] (NBP3-13719) diluted at 1:250. Red: NF-H, a neural marker, stained by NF-H antibody [GT114] diluted at 1:250. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: Somatostatin Antibody (HL1101) [NBP3-13719] - Somatostatin antibody [HL1101] detects Somatostatin protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded cat pancreas. Somatostatin stained by Somatostatin antibody [HL1101] (NBP3-13719) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



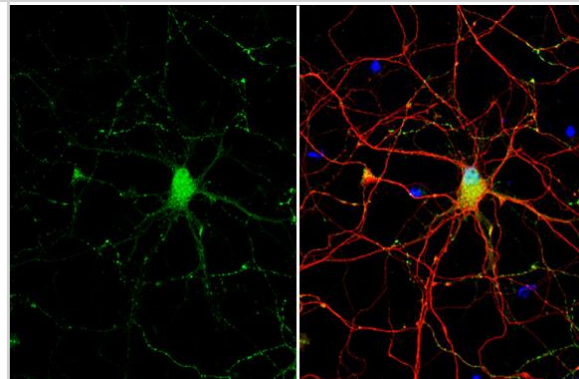
Immunohistochemistry-Paraffin: Somatostatin Antibody (HL1101) [NBP3-13719] - Somatostatin antibody [HL1101] detects Somatostatin protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded dog tissue. Somatostatin stained by Somatostatin antibody [HL1101] (NBP3-13719) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



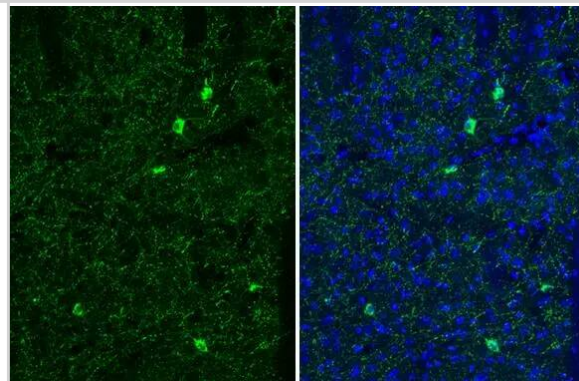
Immunocytochemistry/ Immunofluorescence: Somatostatin Antibody (HL1101) [NBP3-13719] - Somatostatin antibody [HL1101] detects Somatostatin protein at cytoplasmic vesicles and nucleus by immunofluorescent analysis. Sample: mouse dorsal root ganglia cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Somatostatin stained by Somatostatin antibody [HL1101] (NBP3-13719) diluted at 1:500. Red: NF-H, a axon marker, stained by NF-H antibody [GT114] diluted at 1:500. Blue: Fluoroshield with DAPI .



Immunocytochemistry/ Immunofluorescence: Somatostatin Antibody (HL1101) [NBP3-13719] - Somatostatin antibody [HL1101] detects Somatostatin protein at nucleus and vesicle by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Somatostatin stained by Somatostatin antibody [HL1101] (NBP3-13719) diluted at 1:250. Red: Tau, an axon marker, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI .



Immunohistochemistry: Somatostatin Antibody (HL1101) [NBP3-13719] - Somatostatin antibody [HL1101] detects Somatostatin protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Frozen-sectioned mouse brain. Green: Somatostatin stained by Somatostatin antibody [HL1101] (NBP3-13719) diluted at 1:100. Blue: Fluoroshield with DAPI .





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### **Products Related to NBP3-13719**

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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
H00006750-Q01-10ug	Recombinant Human Somatostatin GST (N-Term) 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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