

Somatostatin antibody [HL1101]

Cat. No. GTX636297

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Mouse, Rat, Cat, Dog

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent

Not tested in other applications.

Observed MW (kDa) 13 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of mouse Somatostatin. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



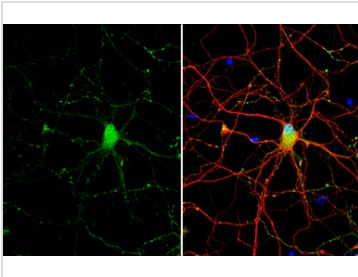
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX636297 ICC/IF Image

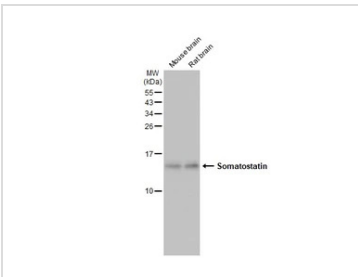
Somatostatin antibody [HL1101] detects Somatostatin protein at nucleus and vesicle by immunofluorescent analysis.

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] (GTX636297) diluted at 1:250.

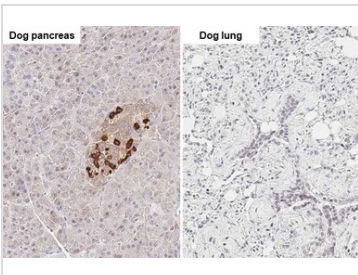
Red: Tau, an axon marker, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



GTX636297 WB Image

Various tissue extracts (50 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Somatostatin antibody [HL1101] (GTX636297) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX636297 IHC-P Image

Somatostatin antibody [HL1101] detects Somatostatin protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded dog tissue.

Somatostatin stained by Somatostatin antibody [HL1101] (GTX636297) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX636297 IHC-P Image

Somatostatin antibody [HL1101] detects Somatostatin protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded cat pancreas.

Somatostatin stained by Somatostatin antibody [HL1101] (GTX636297) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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