



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB11971 - Goat Anti-Somatostatin proprotein (aa58-70) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SST, somatostatin, SMST, growth hormone release-inhibiting factor, somatostatin-14, somatostatin-28

**Official Symbol:** SST

**Accession Number(s):** NP\_001039.1

**Human GeneID(s):** [6750](#)

**Non-Human GeneID(s):** 20604 (mouse), 24797 (rat)

### Immunogen

Peptide with sequence C-SEPNTQENDALEP, from the internal region of the protein sequence according to NP\_001039.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:1000.

**Immunofluorescence/ Immunocytochemistry:** Strong expression of the protein seen in the plasma membrane and endoplasmic reticulum of U2OS and U251 cells.

Recommended concentration: 10µg/ml. This antibody has been used successfully in ICC on Mouse.

### Species Reactivity

**Tested:** Human, Mouse

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig

### Specific Reference

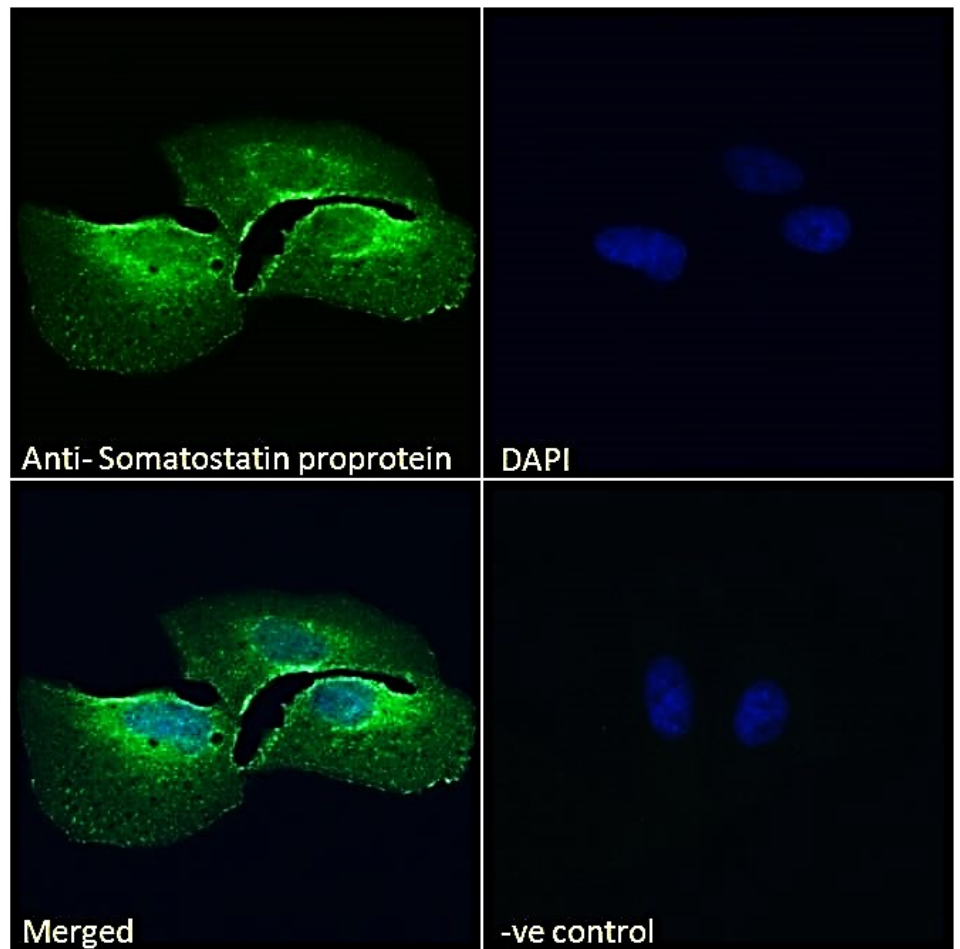
**This antibody has been successfully used in ICC on Mouse:**

Anna Billeschou Bomholt, Christian Dall Johansen, Jens Bager Christensen, Sasha Alexandra Sampson Kjeldsen, Katrine Douglas Galsgaard, Marie Winther-Sørensen, Reza Serizawa, Mads Hornum, Esteban Porrini, Jens Pedersen, Cathrine Ørskov, Lise Lotte Gluud, Charlotte Mehlin Sørensen, Jens Juul Holst, Reidar Albrechtsen & Nicolai Jacob Wewer Albrechtsen

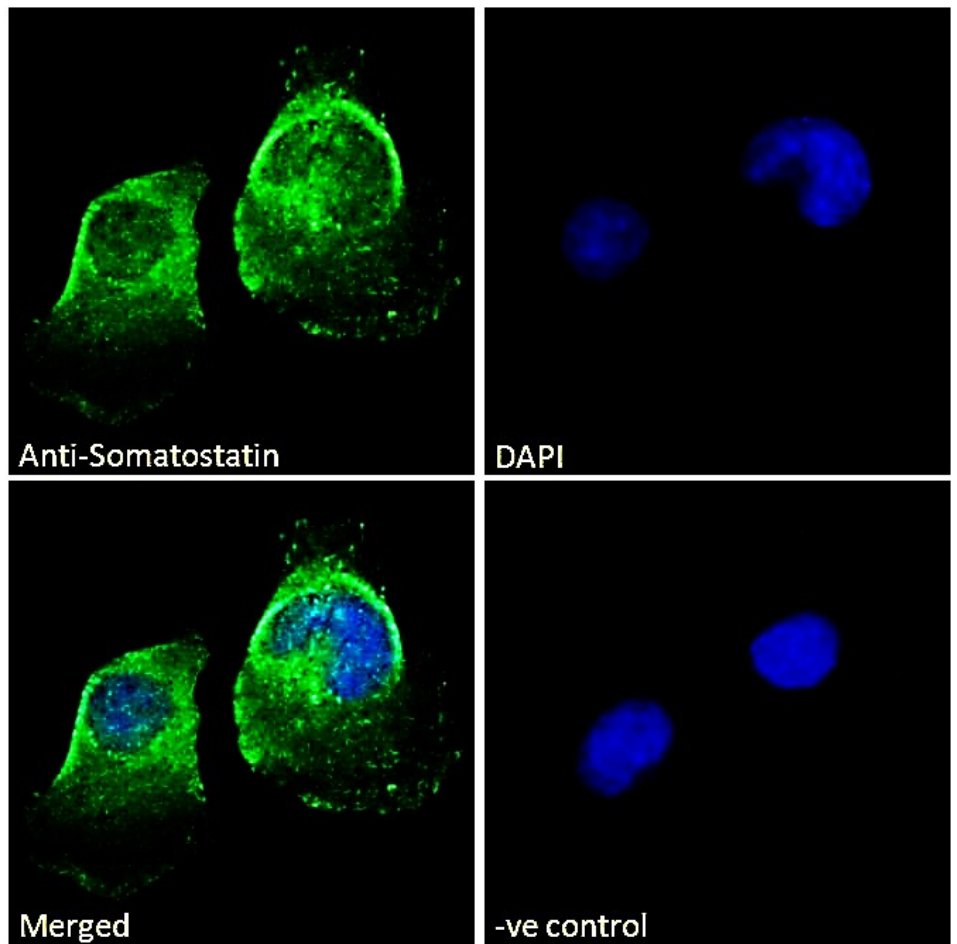
Evaluation of commercially available glucagon receptor antibodies and glucagon receptor expression.

Commun Biol. 2022 Nov 22;5(1):1278.

PMID: 36418521



EB11971 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane and endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB11971 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane and endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).