



Rabbit Anti-Somatostatin 28, Alexa Fluor 750 conjugated

Cat. Number: bs-8877R-AF750

Quantity size: 100ul

Concentration: 1mg/ml. Buffer = 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Background: Somatostatin is a regulatory hormone that is expressed throughout the body and inhibits the release of numerous secondary hormones by binding to high-affinity G protein-coupled somatostatin receptors. This cyclic tetradecapeptide inhibits the secretion of many important hormones, including somatotropin (also designated growth hormone, or GH), insulin and glucagon. Somatostatin is found in both the hypothalamus and pancreas. Somatostatin is thought to be involved in the regulation of insulin synthesis. The hormone somatostatin has active 14 amino acid and 28 amino acid forms that are produced by alternate cleavage of the single preproprotein encoded by this gene. In the cerebellum, Somatostatin-14 and Somatostatin-28 are highly expressed at birth and in the adult stage, respectively. Somatostatin affects rates of neurotransmission in the central nervous system and proliferation of both normal and tumorigenic cells. The gene encoding Somatostatin maps to human chromosome 3q28.

Specificity:

- Rabbit Polyclonal IgG, affinity purified by Protein A.
- Reacts with: Mouse, Rat (predicted: Human, Dog, Pig, Cow, Horse, Rabbit,)
- Immunogen: KLH conjugated synthetic peptide derived from human Somatostatin 28: 51-116/116

Application:

- Immunofluorescence: 1:20-200
- Excitation spectrum: 757nm
- Emission spectrum: 780nm
- Optimal working dilutions must be determined by the end user.
- Protect from light.

Storage: Shipped at 4°C, Store at -20°C (Avoid repeated freeze/thaw cycles).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.