

ARG44264
anti-Somatostatin antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Somatostatin
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog, Pig
Tested Application	ICC/IF
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Somatostatin
Species	Human
Immunogen	Synthetic peptide around the internal region of Human Somatostatin (SEPNQTENDALEP)
Conjugation	Un-conjugated
Alternate Names	Somatostatin; Growth hormone release-inhibiting factor

Application Instructions

Application table	Application	Dilution
	ICC/IF	10 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

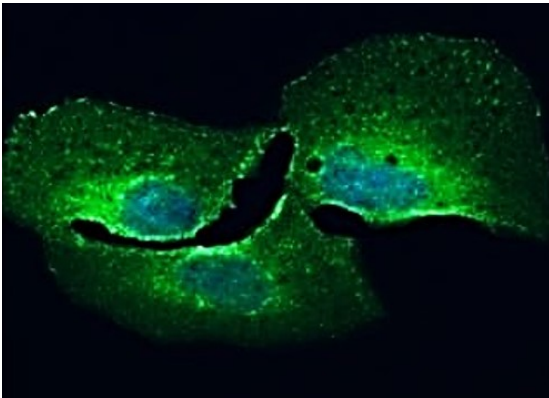
Properties

Form	Liquid
Purification	Ammonium sulphate precipitation followed by affinity purification with immunogen.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SST
Gene Full Name	somatostatin
Background	The hormone somatostatin has active 14 aa and 28 aa forms that are produced by alternate cleavage of the single preproprotein encoded by this gene. Somatostatin is expressed throughout the body and inhibits the release of numerous secondary hormones by binding to high-affinity G-protein-coupled somatostatin receptors. This hormone is an important regulator of the endocrine system through its interactions with pituitary growth hormone, thyroid stimulating hormone, and most hormones of the gastrointestinal tract. Somatostatin also affects rates of neurotransmission in the central nervous system and proliferation of both normal and tumorigenic cells. [provided by RefSeq, Jul 2008]
Function	Somatostatin inhibits the release of somatotropin. [UniProt]
Research Area	Controls and Markers antibody; Developmental Biology antibody; Neuroscience antibody

Images



ARG44264 anti-Somatostatin antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG44264 anti-Somatostatin antibody at 10 μ g/m dilution.