



Somatostatin Receptor-2

Data Sheet

Catalog Number:	RA25005	Host:	Rabbit
Product Type:	Polyclonal antiserum	Species Reactivity:	Human, Rat, Mouse,
Immunogen Sequence:	Synthetic peptide made to the c-terminus of rat SSR2	Format:	Whole Serum in PBS with .05% Sodium Azide. Concentration of 1 mg/ml.
Applications:	Western Blot 1:100 ~1:1,000 (ECL) Immunofluorescence 1:100 ~1:250*		

Dilutions listed only as a recommendation. Optimal dilution should be determined by investigator. *May see multiple smaller MW bands, as well.

Storage: Store frozen. Aliquot as undiluted antisera and immediately place at -20°C. Antisera may have become trapped in top of vial during shipping. Centrifugation of vial is recommended before opening. Stable for at least 6 months at -20°C. Repeated freeze/thaw cycles compromise the integrity of the antiserum.

References:

1. Gu, Y.Z., and Schonbrunn, A. Coupling specificity between somatostatin receptor sst2A and G proteins: Isolation of the receptor-G protein complex with a receptor antibody. *Molecular Endocrinology*. 11: 527-537, 1997.
2. Reubi, J.C., Kappeler, A., Waser, B., Laissue, J., Hipkin, R.W., Schonbrunn, A. Immunohistochemical localization of somatostatin receptor sst2A in human tumors. *American Journal of Pathology*. 153: 233-245, 1998.

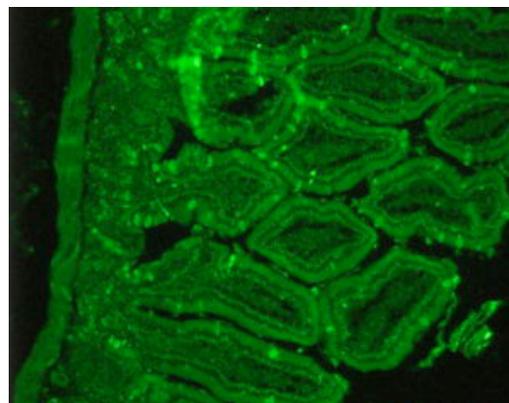
Application Notes

Description/Data:

Somatostatin is a tetradecapeptide that is widely distributed in the body. It acts on multiple organs in the body and also functions as a neuropeptide affecting electrical activity of neurons. Somatostatin Receptor 2 (SSR2), along with SSR1, is expressed at the highest levels in the stomach and jejunum, cerebrum and kidney, respectively.

These SST Receptors function in the regulation of numerous physiological processes such as the secretion of insulin, glucagon and growth hormone as well as cell growth induced by neuronal excitation in both the central and peripheral nervous systems.

Image: Rat tissue paraffin embedded.



FOR RESEARCH USE ONLY

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RISKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. -V2/08/2012

www.neuromics.com

Neuromics Antibodies • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail: pshuster@neuromics.com