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SSTR1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14037b

Specification

SSTR1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P30872
Other Accession	P28646, P30873, NP_001040.1
Reactivity	**Mouse**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**42686**
Antigen Region	**351-380**

SSTR1 Antibody (C-term) - Additional Information

Gene ID 6751

Other Names
Somatostatin receptor type 1, SS-1-R, SS1-R, SS1R, SRIF-2, SSTR1

Target/Specificity
This SSTR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 351-380 amino acids from the C-terminal region of human SSTR1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SSTR1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SSTR1 Antibody (C-term) - Protein Information

Name SSTR1

Function Receptor for somatostatin with higher affinity for somatostatin-14 than -28. This

receptor is coupled via pertussis toxin sensitive G proteins to inhibition of adenylyl cyclase. In addition it stimulates phosphotyrosine phosphatase and Na(+)/H(+) exchanger via pertussis toxin insensitive G proteins.

Cellular Location
Cell membrane; Multi-pass membrane protein.

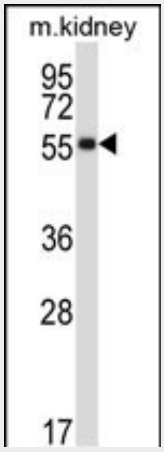
Tissue Location
Fetal kidney, fetal liver, and adult pancreas, brain, lung, jejunum and stomach

SSTR1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SSTR1 Antibody (C-term) - Images



SSTR1 Antibody (C-term) (Cat. #AP14037b) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the SSTR1 antibody detected the SSTR1 protein (arrow).

SSTR1 Antibody (C-term) - Background

Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biological effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. The encoded protein is a member of the superfamily of somatostatin receptors having seven transmembrane segments, and is expressed in highest levels in jejunum and stomach. [provided by RefSeq].

SSTR1 Antibody (C-term) - References

Canzian, F., et al. Hum. Mol. Genet. 19(19):3873-3884(2010)
Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010)
Pisarek, H., et al. Folia Histochem. Cytobiol. 48(1):142-147(2010)
Johansson, M., et al. Cancer Epidemiol. Biomarkers Prev. 18(5):1644-1650(2009)
Casarini, A.P., et al. Pituitary 12(4):297-303(2009)