

SSTR1 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10236**Specification**

SSTR1 Antibody (N-Terminus) - Product Information

Application	IHC-P
Primary Accession	P30872
Reactivity	Human, Mouse, Rabbit, Hamster, Monkey, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43kDa KDa
Dilution	IHC-P~~N/A

SSTR1 Antibody (N-Terminus) - Additional Information**Gene ID** 6751**Other Names**

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

Target/Specificity

Human SSTR1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

SSTR1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SSTR1 Antibody (N-Terminus) - 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

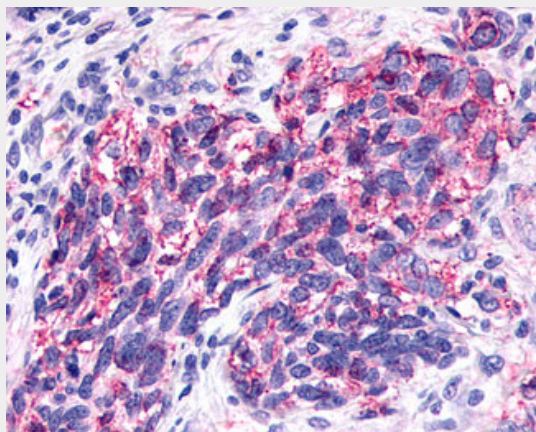
Volume
50 µl

SSTR1 Antibody (N-Terminus) - Protocols

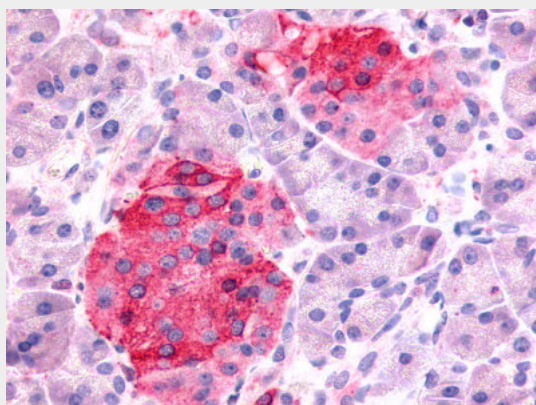
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

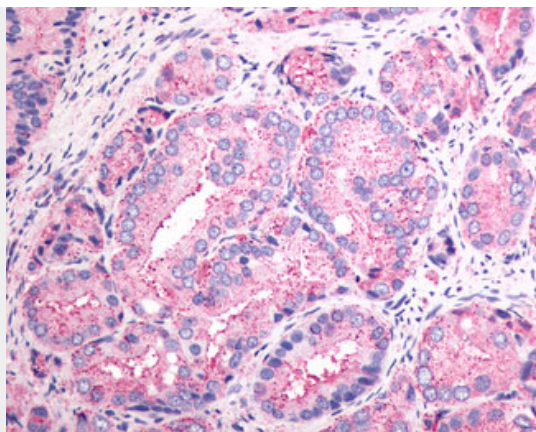
SSTR1 Antibody (N-Terminus) - Images



Anti-SSTR1 antibody IHC of human Lung, Small Cell Carcinoma.



Anti-SSTR1 antibody ALS10236 IHC of human pancreas, islets of Langerhans.



Anti-SSTR1 antibody IHC of human Prostate, Carcinoma.

SSTR1 Antibody (N-Terminus) - Background

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.

SSTR1 Antibody (N-Terminus) - References

Yamada Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 89:251-255(1992).
Kopatz S.A.,et al.Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
Schwaerzler A.,et al.J. Biol. Chem. 275:9557-9562(2000).