10320 Camino Santa Fe, Suite G
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SSTR1 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10236

Specification

SSTR1 Antibody (N-Terminus) - Product Information

Application	**IHC**
Primary Accession	P30872
Reactivity	**Human, Mouse, Rabbit, Hamster, Monkey, Pig, Horse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**43kDa KDa**

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

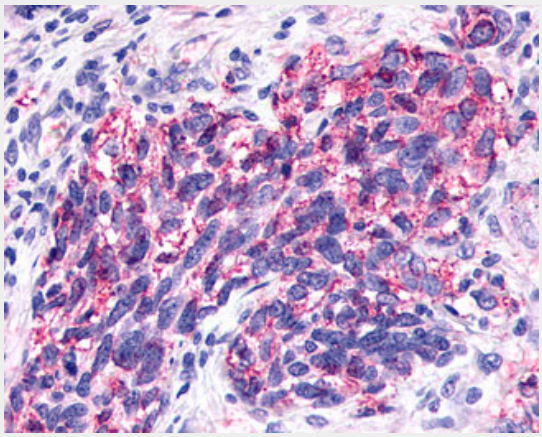
Volume
50 µl

SSTR1 Antibody (N-Terminus) - Protocols

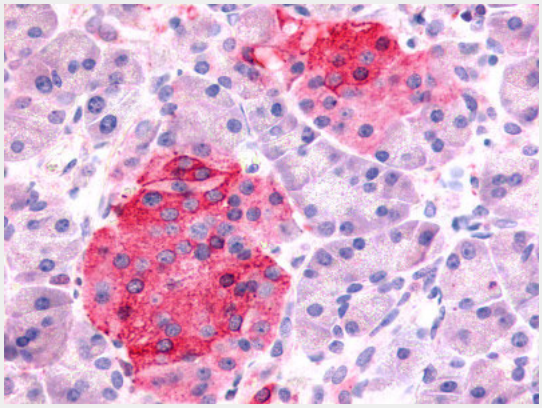
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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.

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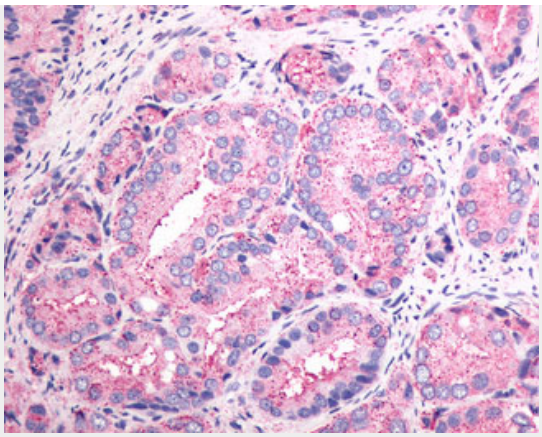

Anti-SSTR1 antibody IHC of human Prostate, Carcinoma.

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).