

## Rabbit anti-Human SSTR1 Polyclonal Antibody | anti-SSTR1 antibody

SSTR1 Antibody (C-term)

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA287900</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

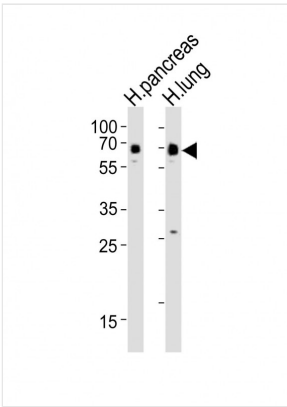
### PRODUCT SYNONYMS

SSTR1; Polyclonal Antibody; SSTR1 Antibody (C-term); Somatostatin receptor type 1; SS-1-R; SS1-R; SS1R; SRIF-2; anti-SSTR1 antibody

### PRODUCT SPECIFICATIONS

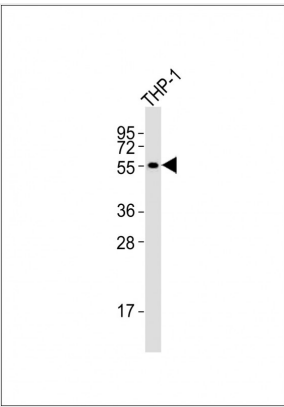
|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This SSTR1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 367-403 amino acids from the C-terminal region of human SSTR1.      |
| Purity/Purification                             | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                    |
| Form/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. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Length                                 | 391                                                                                                                                                                          |
| Applicable Applications for anti-SSTR1 antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



WB (Western Blot)

All lanes : Anti-SSTR1 Antibody (C-term)at 1:4000 dilutionLane 1: human pancreas lysatesLane 2: human lung lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 43 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

Anti-SSTR1 Antibody (C-term) at 1:4000 dilution + THP-1 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 43 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SSTR1 antibody | 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. |
| References                                          | Yamada Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 89:251-255(1992).<br>Kopatz S.A.,et al.Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.<br>Schwaerzler A.,et al.J. Biol. Chem. 275:9557-9562(2000).                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 4557857                      |
| NCBI GeneID                      | 6751                         |
| NCBI Accession #                 | NP_001040.1                  |
| NCBI GenBank Nucleotide #        | NM_001049.2                  |
| UniProt Accession #              | P30872                       |
| Molecular Weight                 | 42686                        |
| NCBI Official Full Name          | somatostatin receptor type 1 |
| NCBI Official Synonym Full Names | somatostatin receptor 1      |
| NCBI Official Symbol             | SSTR1                        |
| NCBI Official Synonym Symbols    | SS1R; SS1-R; SRIF-2; SS-1-R  |
| NCBI Protein Information         | somatostatin receptor type 1 |
| UniProt Protein Name             | Somatostatin receptor type 1 |
| UniProt Gene Name                | SSTR1                        |
| UniProt Synonym Gene Names       | SS-1-R; SS1-R; SS1R          |
| UniProt Entry Name               | SSR1_HUMAN                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

