

# Anti-Somatostatin Receptor 1 Rabbit Monoclonal Antibody

Catalog # ABO16207

## Product Information

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IF, ICC                                                                                                                   |
| <b>Primary Accession</b> | <a href="#">P30872</a>                                                                                                        |
| <b>Host</b>              | Rabbit                                                                                                                        |
| <b>Isotype</b>           | IgG                                                                                                                           |
| <b>Reactivity</b>        | Human                                                                                                                         |
| <b>Clonality</b>         | Monoclonal                                                                                                                    |
| <b>Format</b>            | Liquid                                                                                                                        |
| <b>Description</b>       | Anti-Somatostatin Receptor 1 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human. |

## Additional Information

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| <b>Gene ID</b>             | 6751                                                                                                                                       |
| <b>Other Names</b>         | Somatostatin receptor type 1, SS-1-R, SS1-R, SS1R, SST1, SRIF-2, SSTR1                                                                     |
| <b>Calculated MW</b>       | 42686                                                                                                                                      |
| <b>Application Details</b> | WB 1:500-1:2000<br>ICC/IF 1:50-1:200                                                                                                       |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 27S86                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human Somatostatin Receptor 1                                                                           |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

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| <b>Name</b>     | SSTR1                                                                                                                                                                                                                                   |
| <b>Function</b> | 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**

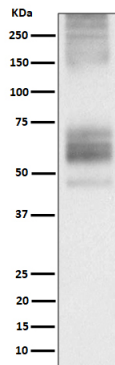
Cell membrane; Multi-pass membrane protein.

**Tissue Location**

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

## Images

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Western blot analysis of Somatostatin Receptor 1 expression in 293T transfected with Somatostatin Receptor 1 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.