

## SSTR5

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:1000 IHC 1:50 - 1:200

**Calculated MW:**39kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human SSTR5

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

SS-5-R;

**Catalog #:**A3136

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6755

**Isotype:**IgG

**Swiss Prot:**P35346

**Purity:**Affinity purification

For research use only.

**Background:**

Somatostatin and its related peptide cortistatin exert multiple biological actions on normal and tumoral tissue targets by interacting with somatostatin receptors (SSTRs). The protein encoded by this gene is one of the SSTRs, which is a multi-pass membrane protein and belongs to the G-protein coupled receptor 1 family. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase, and different regions of this receptor molecule are required for the activation of different signaling pathways. A mutation in this gene results in somatostatin analog resistance. Alternatively spliced transcript variants have been identified in this gene.

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