

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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