

SSTR4 antibody - middle region

Rabbit Polyclonal Antibody Catalog # Al10502

Specification

SSTR4 antibody - middle region - Product Information

Application Primary Accession Other Accession Reactivity Predicted Host Clonality Calculated MW WB <u>P31391</u> <u>NM_001052</u>, <u>NP_001043</u> Mouse Mouse Rabbit Polyclonal 42kDa KDa

SSTR4 antibody - middle region - Additional Information

Gene ID 6754

Alias Symbol SS4R, SS4-R, SS-4-R Other Names Somatostatin receptor type 4, SS-4-R, SS4-R, SS4R, SSTR4

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-SSTR4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions SSTR4 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SSTR4 antibody - middle region - Protein Information

Name SSTR4

Function

Receptor for somatostatin-14. The activity of this receptor is mediated by G proteins which inhibits adenylyl cyclase. It is functionally coupled not only to inhibition of adenylate cyclase, but also to activation of both arachidonate release and mitogen-activated protein (MAP) kinase cascade. Mediates antiproliferative action of somatostatin in tumor cells.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location



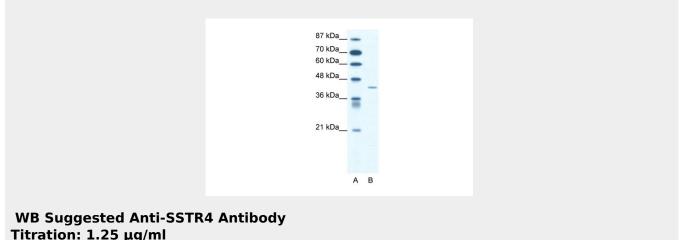
Specifically expressed in fetal and adult brain, lung tissue, stomach, and in lesser quantities in the kidney, pituitary and adrenals

SSTR4 antibody - middle region - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

SSTR4 antibody - middle region - Images



Positive Control: Jurkat Whole Cell

SSTR4 antibody - middle region - References

Pasquali,D., et al., (2002) J. Clin. Endocrinol. Metab. 87 (11), 5125-5129Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.