

# SSTR4 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI10502

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P31391</a>
<b>Other Accession</b>	<a href="#">NM_001052</a> , <a href="#">NP_001043</a>
<b>Reactivity</b>	Mouse
<b>Predicted</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	42003

## Additional Information

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<b>Gene ID</b>	6754
<b>Alias Symbol</b>	SS4R, SS4-R, SS-4-R
<b>Other Names</b>	Somatostatin receptor type 4, SS-4-R, SS4-R, SS4R, SSTR4
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	SSTR4 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	SSTR4
<b>Function</b>	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.
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein.
<b>Tissue Location</b>	Specifically expressed in fetal and adult brain, lung tissue, stomach, and in lesser quantities in the kidney, pituitary and adrenals

## References

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Pasquali,D., et al., (2002) J. Clin. Endocrinol. Metab. 87 (11), 5125-5129  
Reconstitution 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.

## Images

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