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SSTR4 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10501

Product Information

Application	WB
Primary Accession	P31391
Other Accession	NM_001052, NP_001043
Reactivity	Mouse
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42003

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 50 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.

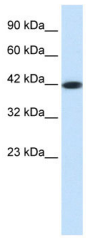
Protein Information

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

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.

Images



WB Suggested Anti-SSTR4 Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:625
Positive Control: Jurkat cell lysate

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