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Anti-SSTR4 Antibody

Catalog # AP53899

Product Information

Application	WB
Primary Accession	P31391
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42003

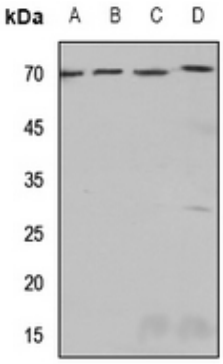
Additional Information

Gene ID	6754
Other Names	Somatostatin receptor type 4; SS-4-R; SS4-R; SS4R
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SSTR4. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

Images



Western blot analysis of SSTR4 expression in mouse brain (A), mouse lung (B), mouse kidney (C), rat kidney (D) whole cell lysates. (Predicted band size: 42 kD; Observed band size: 70 kD)

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