SSTR4 Polyclonal Antibody

Catalog No: #42334

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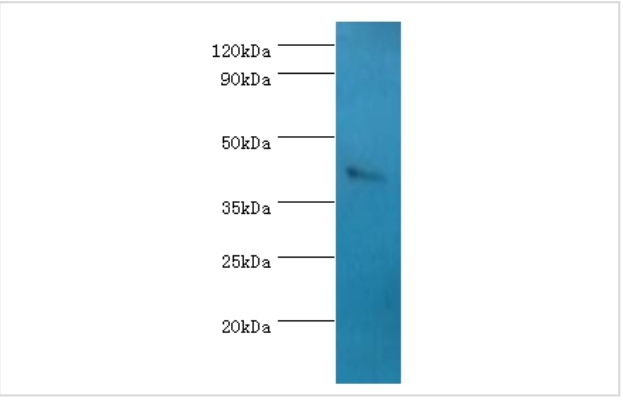
Description

Product Name	SSTR4 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen Affinity Purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total SSTR4 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Somatostatin receptor type 4 protein(314-388aa)
Target Name	SSTR4
Other Names	SS-4-R, SS4-R, SS4R, SSTR4
Accession No.	Swiss-Prot#: P31391
Uniprot	P31391
GeneID	6754;
Calculated MW	42kd
Concentration	1.0mg/mL
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:2000

Images



All lanes: Somatostatin receptor type 4 antibody at 8ug/ml+HepG2 whole cell lysate
secondary
Goat polyclonal to rabbit at 1/10000 dilution
predicted band size :42kDa
observed band size :42kDa

Background

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.

References

[1]The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)." The MGC Project TeamGenome Res. 14:2121-2127(2004). [2]Cloning and expression of a human somatostatin-14-selective receptor variant (somatostatin receptor 4) located on chromosome 20."Demchyshyn L.L., Srikant C.B., Sunahara R.K., Kent G., Seeman P., van Tol H.H.M., Panetta R., Patel Y.C., Niznik H.B.Mol. Pharmacol. 43:894-901(1993). [3]Cloning, functional expression and pharmacological characterization of a fourth (hSSTR4) and a fifth (hSSTR5) human somatostatin receptor subtype." Yamada Y., Kagimoto S., Kubota A., Yasuda K., Masuda K., Someya Y., Ihara Y., Li Q., Imura H., Seino S., Seino Y. Biochem. Biophys. Res. Commun. 195:844-852(1993).

Note: This product is for in vitro research use only