
Product Name: SSTR2 Rabbit Polyclonal Antibody**Catalog #: APRab18308**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	40kDa

Antigen Information

Gene Name	SSTR2
Alternative Names	Somatostatin receptor type 2 (SS-2-R) (SS2-R) (SS2R) (SRIF-1)
Gene ID	6752.0
SwissProt ID	P30874
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human SSTR2. AA range:220-270

Background

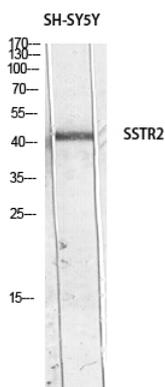
Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biologic effects of

somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. SSTR2 is a member of the superfamily of receptors having seven transmembrane segments and is expressed in highest levels in cerebrum and kidney. [provided by RefSeq, Jul 2008],function:Receptor for somatostatins-14 and -28. This receptor is coupled via pertussis toxin sensitive G proteins to inhibition of adenylyl cyclase. In addition it stimulates phosphotyrosine phosphatase and PLC via pertussis toxin insensitive as well as sensitive G proteins. In RIN-5F cells, this receptor inhibits calcium entry by suppressing voltage dependent calcium-channels.,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:The C-terminus interacts with SHANK1 PDZ domain.,tissue specificity:Cerebrum and kidney. In lesser amounts in jejunum, colon and liver.,

Research Area

Neuroactive ligand-receptor interaction;

Image Data



Western blot analysis of SH-SY5Y lysis using SSTR2 antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000