



SSR5 Polyclonal Antibody

Catalog No	YP-Ab-07395
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	SSTR5
Immunogen	Synthesized peptide derived from human protein . at AA range: 270-350
Specificity	SSR5 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SS-5-R;SST5;Smstr5;Somato;SSR5_HUMAN;SSTR5;SS5-R;SS5R;SSR5_MOUSE;SSR5_;SSR5;Somatostatin receptor type 5 (SS-5-R) (SS5-R) (SS5R)
Observed Band	40kD
Calculated Molecular Weight	40kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Adult pituitary gland, heart, small intestine, adrenal gland, cerebellum and fetal hypothalamus. No expression in fetal or adult kidney, liver, pancreas, uterus, spleen, lung, thyroid or ovary.
Function	function:Receptor for somatostatin 28 and to a lesser extent for somatostatin-14. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Adult pituitary gland, heart, small intestine, adrenal gland, cerebellum and fetal hypothalamus. No expression in fetal or adult kidney, liver, pancreas, uterus, spleen, lung, thyroid or ovary.,



Background

Somatostatin and its related peptide cortistatin exert multiple biological actions on normal and tumoral tissue targets by interacting with somatostatin receptors (SSTRs). The protein encoded by this gene is one of the SSTRs, which is a multi-pass membrane protein and belongs to the G-protein coupled receptor 1 family. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase, and different regions of this receptor molecule are required for the activation of different signaling pathways. A mutation in this gene results in somatostatin analog resistance. Alternatively spliced transcript variants have been identified in this gene.[provided by RefSeq, Feb 2010],

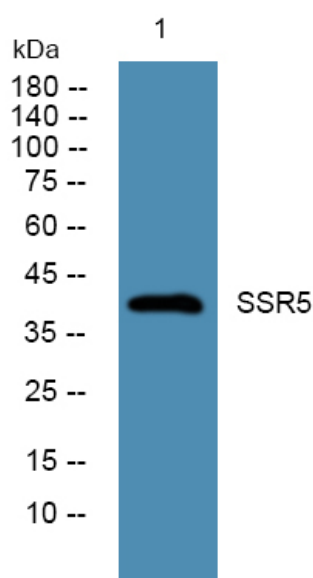
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night