



# Anti-SST polyclonal antibody (DPABH-25414)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	The cyclic tetradecapeptide somatostatin is widely distributed throughout the body and is an important regulator of endocrine and nervous system function. It exerts its biologic actions by binding to specific high affinity receptors on the cell surface. Somatostatin inhibits the release of somatotropin. Somatostatin has also been shown in sympathetic nerves, mucosal cells, myenteric nerves of the gastrointestinal tract, salivary glands and in some parafollicular cells of the thyroid. Somatostatin positive cells may also be present in medullary thyroid carcinomas, C cell hyperplasia, thymic and lung tumors and pulmonary small cell carcinomas.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 50 to the C-terminus of Human Somatostatin.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">SST somatostatin [ Homo sapiens ]</a>
Official Symbol	SST
Synonyms	SST; somatostatin; SMST; somatostatin-14; somatostatin-28; prepro-somatostatin; growth hormone release-inhibiting factor;
Entrez Gene ID	<a href="#">6750</a>
Protein Refseq	<a href="#">NP_001039.1</a>
UniProt ID	<a href="#">P61278</a>
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; Gastric acid secretion; Peptide ligand-binding receptors
Function	hormone activity;