



# Anti-SST (aa 26-116) polyclonal antibody (DPAB-DC2968)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	The hormone somatostatin has active 14 aa and 28 aa forms that are produced by alternate cleavage of the single preproprotein encoded by this gene. Somatostatin is expressed throughout the body and inhibits the release of numerous secondary hormones by binding to high-affinity G-protein-coupled somatostatin receptors. This hormone is an important regulator of the endocrine system through its interactions with pituitary growth hormone, thyroid stimulating hormone, and most hormones of the gastrointestinal tract. Somatostatin also affects rates of neurotransmission in the central nervous system and proliferation of both normal and tumorigenic cells.
<b>Immunogen</b>	SST (NP_001039, 26 a.a. ~ 116 a.a) partial recombinant protein with GST tag. The sequence is  PSDPRLRQFLQKSLAAAAGKQELAKYFLAELLSEPNQTENDALEPEDLSQAAEQDEMRLE LQRSANSNPAMAPRERKAGCKNFFWKTFTSC
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">SST somatostatin [ Homo sapiens (human) ]</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</a>
UniProt ID	<a href="#">P61278</a>
Chromosome Location	3q28
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; Gastric acid secretion; Peptide ligand-binding receptors
Function	hormone activity;