



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

Antigen Description	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.
Immunogen	SST (NP_001039, 26 a.a. ~ 116 a.a) partial recombinant protein with GST tag. The sequence is PSDPRLRQFLQKSLAAAAGKQELAKYFLAELLSEPNQTENDALEPEDLSQAAEQDEMRLE LQRSANSNPAMAPRERKAGCKNFFWKFTFTSC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SST somatostatin [Homo sapiens (human)]
Official Symbol	SST
Synonyms	SST; somatostatin; SMST; somatostatin-14; somatostatin-28; prepro-somatostatin; growth hormone release-inhibiting factor;
Entrez Gene ID	6750
Protein Refseq	NP_001039
UniProt ID	P61278
Chromosome Location	3q28
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; Gastric acid secretion; Peptide ligand-binding receptors
Function	hormone activity;