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Antibody type:	Polyclonal Antibody
Applications:	WB
Reactivity:	Human Mouse Rat
Molecular Weight:	13kDa
Immunogen:	A synthetic peptide of human SST
Gene ID:	6750
Swiss-Prot No.:	P61278
Altername:	SMST
Source:	Rabbit
Isotype:	IgG
Purification:	Affinity purification
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Background:	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

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	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.
Dilution:	WB 1:200 - 1:2000
Shipping&Stablity:	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.