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Datasheet for ABIN7428422

## anti-Somatostatin antibody (AA 27-116)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	Somatostatin (SST)
Binding Specificity:	AA 27-116
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Somatostatin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### Product Details

Purpose:	Monoclonal Antibody to Somatostatin (SST)
Immunogen:	Recombinant Somatostatin (SST) corresponding to Ser27~Cys116 (Accession # P60041)
Clone:	C11
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against SST. It has been selected for its ability to recognize SST in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

## Target Details

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Target:	Somatostatin (SST)
Alternative Name:	Somatostatin ( <a href="#">SST Products</a> )
Target Type:	Chemical
Background:	GHIH, SRIF, SMST, GHRH, GHRIF, Growth Hormone Releasing Inhibiting Hormone, Somatotropin Release-Inhibiting Factor, Somatostatin-14, Somatostatin-28

## Application Details

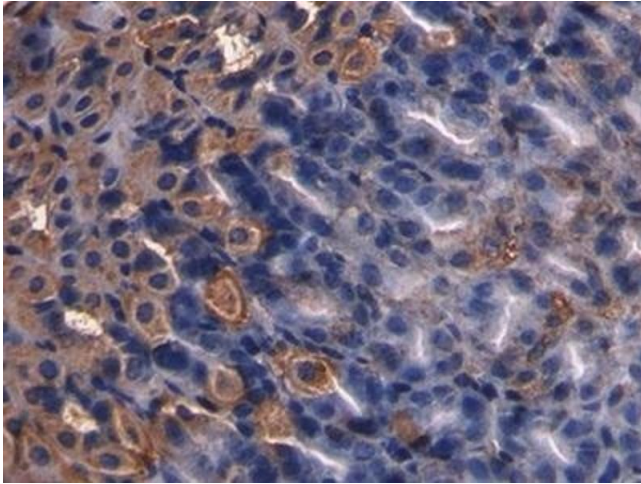
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Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

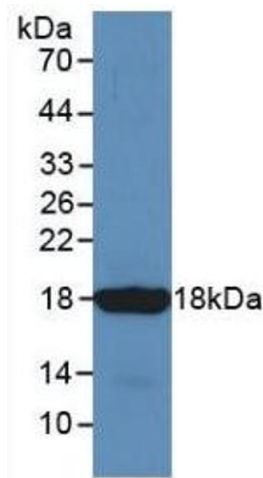
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



### Immunohistochemistry

**Image 1.** Detection of SST in Mouse Stomach Tissue using Monoclonal Antibody to Somatostatin (SST)



### Western Blotting

**Image 2.** Detection of Recombinant SST, Mouse using Monoclonal Antibody to Somatostatin (SST)