

## Somatostatin (V22) polyclonal antibody

Catalog: BS1329

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

Somatostatin is a regulatory hormone that plays an inhibitory role in a variety of organ systems. This cyclic tetradecapeptide inhibits the secretion of many important hormones, including somatotropin (also designated growth hormone, or GH), Insulin and Glucagon. Somatostatin is found in both the hypothalamus and in the pancreas. Somatostatin is thought to be involved in the regulation of insulin synthesis. In the cerebellum, two processed forms, Somatostatin-14 and Somatostatin-28, are highly expressed at birth and in the adult stage, respectively. The gene encoding Somatostatin maps to human chromosome 3q28.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 17 kDa

### Swiss-Prot:

P61278

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

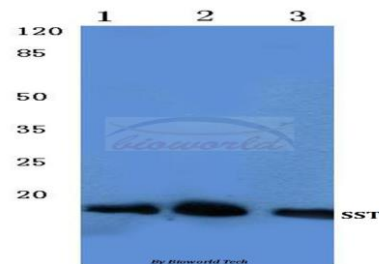
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Somatostatin (V22) polyclonal antibody detects endogenous levels of Somatostatin protein.

### DATA:

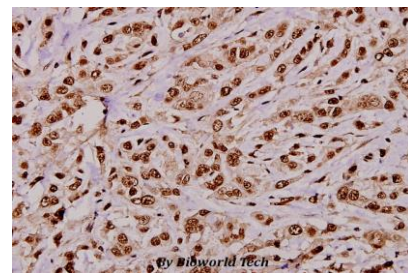


Western blot (WB) analysis of Somatostatin (V22) polyclonal antibody at 1:500 dilution

Lane1:HepG2 cell lysate

Lane2:Mouse lung tissue lysate

Lane3:NIH-3T3 cell lysate



Immunohistochemistry (IHC) analyzes of Somatostatin (V22) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

For research use only, not for use in diagnostic procedure.

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