

## Somatostatin-28

Cat.No. 366 006; Polyclonal chicken antibody, 200 µl specific antibody (lyophilized)

### Data Sheet

Reconstitution/ Storage	200 µl purified IgY, lyophilized. For reconstitution add 200 µl H <sub>2</sub> O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use. <b>Before storing at -20°C add 1 vol of glycerol.</b>
Applications	<b>WB:</b> not recommended <b>IP:</b> not tested yet <b>ICC:</b> 1 : 500 up to 1 : 1000 <b>IHC:</b> 1 : 500 up to 1 : 1000 <b>IHC-P/FFPE:</b> 1 : 500 up to 1 : 1000
Immunogen	Synthetic peptide corresponding to AA 89 to 100 from mouse Somatostatin (UniProt Id: P60041)
Reactivity	Reacts with: rat (P60042), mouse (P60041). Other species not tested yet.
Specificity	This antibody preferentially recognizes somatostatin-28. It only shows minor cross-reactivity to the unprocessed precursor protein and does not detect somatostatin-14.

**TO BE USED IN VITRO / FOR RESEARCH ONLY**  
**NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS**

**Somatostatin**, also referred to as **SST**, **growth hormone-inhibiting hormone** or **GHIH**, is a peptide hormone that regulates the endocrine system and affects neurotransmission and cell proliferation via interaction with G protein-coupled somatostatin receptors. It inhibits the secretion of many important hormones, including insulin, glucagon and somatotropin (also designated growth hormone, or GH). Somatostatin has two forms, active 14 amino acid and 28 amino acid. They are produced by alternative cleavage of the single precursor protein encoded by this gene.

### Selected General References

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