bs-1138R **[Primary Antibody]**

Somatostatin Receptor 2 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 6752 **SWISS:** P30874

Target: Somatostatin Receptor 2

Immunogen: KLH conjugated synthetic peptide derived from human SSTR2: 211-320/369.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Somatostatin is a tetradecapeptide that is widely distributed in the body and is one of five receptor subtypes termed SSTr1-. These receptors function in the regulation of numerous phsiological processes such as the secretion of insulin, glucagon and growth hormone as wel as cell growth induced by neuronal excitation in both the central and peripheral nervous systems. Somatostatin receptos are activated via sonatostatin secreted by nerve and endocrine cells. Somatostatin Receptor 2 (SSR2), along with SSR1, is expressed at the highest levels in the stomach and jejunum, cerebrum and kidney, respectively.

Applications: **WB** (1:500-2000)
ELISA (1:5000-10000)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Chicken, Dog, GuineaPig, Horse)

Predicted MW.: 41 kDa

Subcellular Location: Cell membrane

SELECTED CITATIONS

- **[IF=6.792]** Zhao D et al. PCB52 exposure alters the neurotransmission ligand-receptors in male offspring and contributes to sex-specific neurodevelopmental toxicity. Environ Pollut.2020 Sep;264:114715. WB ;Rat. 32402713
- **[IF=2.22]** Ruan, Ming, et al. "Attenuation of stress-induced gastrointestinal motility disorder by gentiopicroside, from Gentiana macrophylla Pall." Fitoterapia(2015). WB ;="Rat". 25936770
- **[IF=0.88]** Sakai, Kosei, et al. "Alteration of somatostatin receptor 2 expression in canine mammary gland tumor." Journal of Veterinary Medical Science 0 (2015). IHC ;="Dog". 25985817
- **[IF=1.399]** Jiuxiu Jiet al. The effect of miR‐10b on growth hormone in pituitary cells of Yanbian yellow cattle by somatostatin receptor 2. Anim Sci J . Jan-Dec 2020;91(1):e13420. WB ;yellow cattle. 32618083