## bs-1806R

## [ Primary Antibody ]

**GPR14 Rabbit pAb** 

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

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**GenelD: 2837** SWISS: Q9UKP6

Target: GPR14

**Immunogen:** KLH conjugated synthetic peptide derived from human UTS2R:

101-200/389. < Cytoplasmic >

**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:** GPCR GPR14 has been reported to be expressed at high levels in

the heart and pancreas and also in artery and smooth muscle. Low transcript levels have been identified in brain, particularly in thalamus, superior occipital gyrus, and substantia nigra. GPR14 is a high affinity receptor for urotensin-2 and urotensin-2B.

The activity of this receptor is mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger

system. Referenced from Swiss-Prot Q9UKP6.

Applications: WB (1:500-2000)

**ELISA** (1:5000-10000)

Reactivity: Human (predicted: Mouse,

Predicted 42 kDa

MW.:

Subcellular Cell membrane

## - SELECTED CITATIONS -

• [IF=16.806] Bo Gao. et al. Discovery and Application of Postnatal Nucleus Pulposus Progenitors Essential for Intervertebral Disc Homeostasis and Degeneration. 2022 Feb 23 IF; Human. 10.1002/advs.202104888