### bs-13245R

## [ Primary Antibody ]

# Bioss ANTIBODIES

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

# G gamma4 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**GenelD:** 2786 **SWISS:** P50150

Target: G gamma4

Immunogen: KLH conjugated synthetic peptide derived from human G gamma4:

9-60/75

**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:** Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling

systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. G gamma4 interacts with beta-1 and beta-2, but not with beta-3. It is expressed in brain, kidney, pancreas, skeletal

muscle and faintly in cardiac muscle.

Applications: WB (1:500-2000)

IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse,

Rat, Dog, Horse)

Predicted MW.: 8 kDa

Subcellular Location: Cell membrane

#### — SELECTED CITATIONS ——

- [IF=15.7] Wu Fangfang. et al. A visual cortical-lateral posterior thalamic nucleus circuit regulates depressive-like behaviors in male mice. NAT COMMUN. 2025 Feb;16(1):1-17 WB,IHC; Mouse. 39915439
- [IF=5.5] Liang L et al. Distinguishable Prognostic Signatures of Left-and Right-Sided Colon Cancer: a Study Based on Sequencing Data. Cell Physiol Biochem. 2018;48(2):475-490. IHC; Human. 30016783
- [IF=4.375] Liang Liang. et al. GNG4 Promotes Tumor Progression in Colorectal Cancer. J Oncol. 2021;2021:9931984 IHC ;Human. 34691179