

bs-13245R**[Primary Antibody]****G gamma4 Rabbit pAb****BioSS**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 2786	SWISS: P50150	IHC-F (1:100-500)
Target: G gamma4		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human G gamma4: 9-60/75.		ICC/IF (1:100-500)
Purification: affinity purified by Protein A		ELISA (1:5000-10000)
Concentration: 1mg/ml		Reactivity: (predicted: Human, Mouse, Rat, Dog, Horse)
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.		Predicted MW.: 8 kDa
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.		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