bs-1009R

[Primary Antibody]

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CXCR1 Rabbit pAb

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 3577 SWISS: P25024

Target: CXCR1

Immunogen: KLH conjugated synthetic peptide derived from human CXCR1:

186-280/350. < Cytoplasmic >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

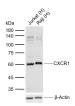
Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: The protein encoded by this gene is a member of the G-proteincoupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. Knockout studies in mice suggested that this protein inhibits embryonic oligodendrocyte precursor migration in developing spinal cord. This gene, IL8RB, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36. [provided by RefSeq, Jul 20081

- VALIDATION IMAGES -



Sample: Lane 1: Human Jurkat cell lysates Lane 2: Human Raji cell lysates Primary: Anti-CXCR1 (bs-1009R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 40 kDa Observed band size: 61 kDa

— SELECTED CITATIONS –

- [IF=8.786] Guangxu Xiao. et al. CXCR1 and its downstream NF-kB inflammation signaling pathway as a key target of Guanxinning injection for myocardial ischemia/reperfusion injury.. FRONT IMMUNOL. 2022 Oct;13:1007341-1007341 WB.IHC.IF: Mouse. 36325326
- [IF=2.57] Schneberger, D., et al. "CXCR1/CXCR2 antagonist CXCL8 (3-74) K11R/G31P blocks lung inflammation in swine barn dust-instilled mice." Pulmonary Pharmacology & Therapeutics (2015). IHC; Mouse. 25681618
- [IF=3.37] Chengfei Xu. et al. CXCR1 participates in bone cancer pain induced by Walker 256 breast cancer cells in female rats. MOL PAIN. ;(): WB, IF; Rat. 36227008
- [IF=2.24] Tang, Cui, et al. "High expression of GPER1, EGFR and CXCR1 is associated with lymph node metastasis in papillary thyroid carcinoma." International Journal of Clinical and Experimental Pathology 7.6 (2014): 3213-3223. IHC

Applications: WB (1:500-2000)

Reactivity: Human (predicted: Rabbit)

Predicted 40 kDa MW.:

Subcellular Location: Cell membrane

;Human. 25031721 • [IF=1.89] Zhao, Le, et al. "Role of GPER1, EGFR and CXCR1 in differentiating between malignant follicular thyroid carcinoma and benign follicular thyroid adenoma." International Journal of Clinical and Experimental Pathology 8.9 (2015): 11236-11247. IHC ;Human. 26617848