

Cxcr3 polyclonal antibody

Catalog # PAB8943

Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Cxcr3.
Immunogen	A synthetic peptide corresponding to amino acids 24-42 of rat/mouse Cxcr3.
Sequence	PYDYGENESDFS DSPPC
Host	Rabbit
Reactivity	Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:500) Immunoprecipitation (1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunoprecipitation

Gene Info — Cxcr3

Entrez GeneID	12766
Gene Name	Cxcr3
Gene Alias	Cd183, Cmkar3
Gene Description	chemokine (C-X-C motif) receptor 3
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000019734 chemokine (C-X-C) receptor 3

Gene Info — Cxcr3

Entrez GeneID	84475
Gene Name	Cxcr3
Gene Alias	Gpr9
Gene Description	chemokine (C-X-C motif) receptor 3
Gene Ontology	Hyperlink
Other Designations	G protein-coupled receptor 9

Publication Reference

- [Elevation of the Chemokine Pair CXCL10/CXCR3 Initiates Sequential Glial Activation and Crosstalk During the Development of Bimodal Inflammatory Pain after Spinal Cord Ischemia Reperfusion.](#)

Yu Q, Tian DL, Tian Y, Zhao XT, Yang XY.

Cellular Physiology and Biochemistry 2018 Sep; 49(6):2214.

Application: IF, Rat, Astrocytes, Microglia

- [CXCL10 suppression of hem- and lymph-angiogenesis in inflamed corneas through MMP13.](#)

Gao N, Liu X, Wu J, Li J, Dong C, Wu X, Xiao X, Yu FX.

Angiogenesis 2017 Nov; 20(4):505.

Application: Blocking, Func, IA, Mouse, Mouse cornea

- [Activation of CXCL10/CXCR3 Signaling Attenuates Morphine Analgesia: Involvement of Gi Protein.](#)

Ye D, Bu H, Guo G, Shu B, Wang W, Guan X, Yang H, Tian X, Xiang H, Gao F.

Journal of Molecular Neuroscience 2014 Aug; 53(4):571.

Application: WB-Ti, Rat, Spinal cord

- [Visfatin Enhances CXCL8, CXCL10, and CCL20 Production in Human Keratinocytes.](#)

Kanda N, Hau CS, Tada Y, Tatsuta A, Sato S, Watanabe S.

Endocrinology 2011 Jun; 152:3155.

Application: IHC, Mouse, Skin

- [Antibody-mediated blockade of the CXCR3 chemokine receptor results in diminished recruitment of T helper 1 cells into sites of inflammation.](#)

Xie JH, Nomura N, Lu M, Chen SL, Koch GE, Weng Y, Rosa R, Di Salvo J, Mudgett J, Peterson LB, Wicker LS, DeMartino JA.

Journal of Leukocyte Biology 2003 Jun; 73(6):771.

- [Chemokine receptors: signposts to brain development and disease.](#)

Tran PB, Miller RJ.

Nature Reviews. Neuroscience 2003 Jun; 4(6):444.

- [The role of chemokines and chemokine receptors in progressive renal diseases.](#)

Seegerer S.

American Journal of Kidney Diseases: the Official Journal of the National Kidney Foundation 2003 Mar; 41(3 Suppl 1):S15.