CXCR6 polyclonal antibody

Catalog # PAB8945 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CXCR6.
Immunogen	A synthetic peptide corresponding to amino acids 4-17 of human CXCR6.
Sequence	HDYHEDYGFSSFND
Host	Rabbit
Reactivity	Chimpanzee, Human
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 shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunoprecipitation
- Western Blot

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Gene Info — CXCR6

Entrez GeneID	10663
Gene Name	CXCR6
Gene Alias	BONZO, CD186, STRL33, TYMSTR
Gene Description	chemokine (C-X-C motif) receptor 6
Omim ID	605163
Gene Ontology	Hyperlink
Other Designations	G protein-coupled receptor|G protein-coupled receptor TYMSTR|OTTHUMP00000164651

Publication Reference

- CXCR6 is expressed on T cells in both T helper type 1 (Th1) inflammation and allergen-induced Th2 lung inflammation but is only a weak mediator of chemotaxis.

  Latta M, Mohan K, Issekutz TB.

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- Chemokine receptors: signposts to brain development and disease.

  Tran PB, Miller RJ.

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

- Expression of SR-PSOX, a novel cell-surface scavenger receptor for phosphatidylserine and oxidized LDL in human atherosclerotic lesions.

  Minami M, Kume N, Shimaoka T, Kataoka H, Hayashida K, Akiyama Y, Nagata I, Ando K, Nobuyoshi M, Hanyuu M, Komeda M, Yonehara S, Kita T.

  Arteriosclerosis, Thrombosis, and Vascular Biology 2001 Nov; 21(11):1796.

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

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Disease

- Acquired Immunodeficiency Syndrome
- Genetic Predisposition to Disease
- HIV Infections
- Ovarian Neoplasms
- Pneumonia

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