

Anti-Bonzo Antibody

Catalog # ABO11389

Product Information

Application	WB, IHC-P
Primary Accession	Q9EQ16
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for C-X-C chemokine receptor type 6(CXCR6) detection. Tested with WB, IHC-P in Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	80901
Other Names	C-X-C chemokine receptor type 6, CXC-R6, CXCR-6, CD186, Cxcr6
Calculated MW	40468
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Rat, Mouse, By Heat Western blot, 0.1-0.5 µg/ml, Mouse, Rat
Subcellular Localization	Cell membrane; Multi-pass membrane protein.
Source	Eukaryota
Protein Name	C-X-C chemokine receptor type 6
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Bonzo(331-351aa EDSSKTCSASHNVETTSMFQL), different from the related rat sequence by two amino acids, and from the related human sequence by three amino acids
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated

freezing and thawing.

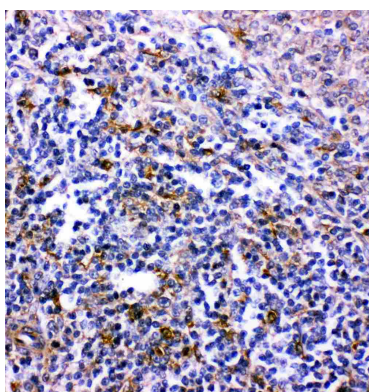
Protein Information

Name	Cxcr6
Function	Receptor for the C-X-C chemokine CXCL16.
Cellular Location	Cell membrane; Multi-pass membrane protein.

Background

CXCR6(Chemokine,CXC Motif, Receptor 6), also known as STRL33, is a protein that in humans is encoded by the CXCR6 gene. By Southern blot analysis of genomic DNA and somatic cell hybrid analysis, Liao et al.(1997) mapped the single-copy STRL33 gene to chromosome 3. Matloubian et al.(2000) found that human and mouse cells expressing CXCR6 showed a strong chemotactic response to CXCL16 but not to other chemokines. The authors concluded that CXCL16 and CXCR6 probably function in interactions between dendritic cells and T cells and in regulating T-cell migration in the splenic red pulp. Kim et al.(2001) concluded that CXCR6 may be important in the trafficking of effector T cells mediating type-1 inflammation.

Images



Anti- CXCR6 antibody, ABO11389, IHC(P)IHC(P): Rat Spleen Tissue



Anti- CXCR6 antibody, ABO11389, Western blottingAll lanes: Anti CXCR6 (ABO11389) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Rat Testis Tissue Lysate at 50ugLane 3: Rat Spleen Tissue Lysate at 50ugLane 4: Mouse Brain Tissue Lysate at 50ugLane 5: Mouse Testis Tissue Lysate at 50ugPredicted bind size: 39KDObserved bind size: 39KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.