

Anti-Bonzo Antibody

Catalog # ABO11388

Product Information

Application	WB, IHC-P
Primary Accession	O00574
Host	Rabbit
Reactivity	Human
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 Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	10663
Other Names	C-X-C chemokine receptor type 6, CXC-R6, CXCR-6, CDw186, G-protein coupled receptor STRL33, G-protein coupled receptor bonzo, CD186, CXCR6, BONZO, STRL33, TYMSTR
Calculated MW	39280
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Expressed in lymphoid tissues and activated T cells.
Source	Eukaryota
Protein Name	C-X-C chemokine receptor type 6
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Bonzo(322-342aa EDNSKTF S ASHNVEATSMFQL), different from the related mouse and rat sequences by three amino acids.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins

Storage	At -20 °C for one year. After r ° Constitution, 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.
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.

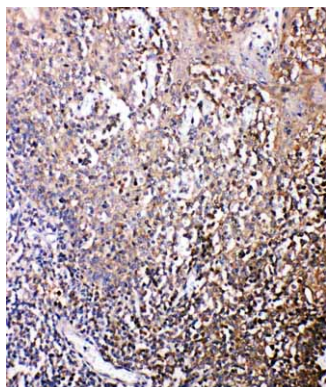
Protein Information

Name	CXCR6
Synonyms	BONZO, STRL33, TYMSTR
Function	Receptor for the C-X-C chemokine CXCL16. Used as a coreceptor by SIVs and by strains of HIV-2 and m-tropic HIV-1.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Expressed in lymphoid tissues and activated T cells

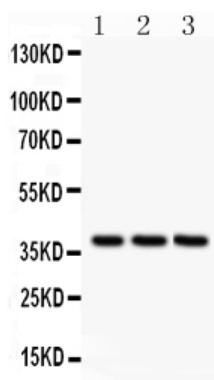
Background

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-Bonzo antibody, ABO11388, IHC(P)IHC(P): Human Tonsil Tissue



Anti-Bonzo antibody, ABO11388, Western blottingAll lanes: Anti Bonzo (ABO11388) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: JURKAT Whole Cell Lysate at 40ugLane 3: MCF-7 Whole Cell Lysate at 40ugPredicted bind size: 39KDObserved bind size: 39KD

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