

Anti-Bonzo Antibody
Catalog # ABO11388

Specification

Anti-Bonzo Antibody - Product Information

Application	IHC, WB
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.

Anti-Bonzo Antibody - 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 MW KDa

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.

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 human Bonzo(322-342aa EDNSKTFASHNVEATSMFQL), 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 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.

Sequence Similarities

Belongs to the G-protein coupled receptor 1 family.

Anti-Bonzo Antibody - 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.

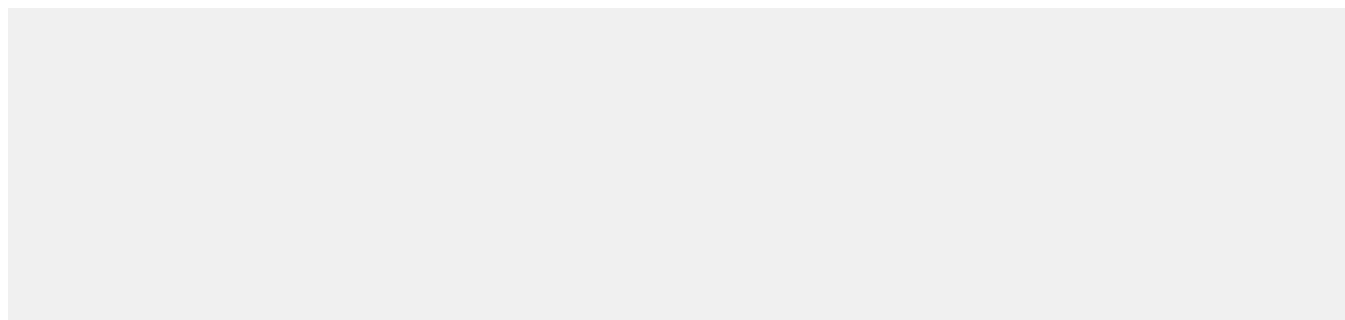
Tissue Location

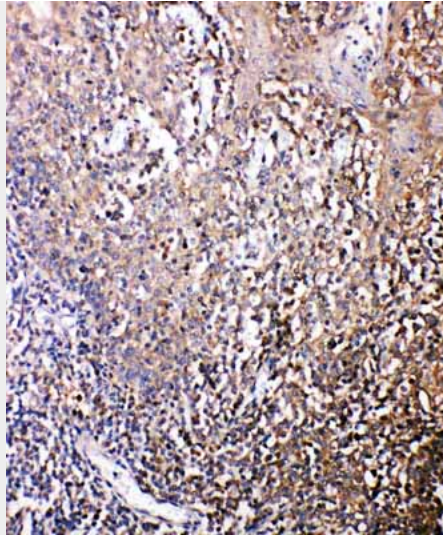
Expressed in lymphoid tissues and activated T cells

Anti-Bonzo Antibody - Protocols

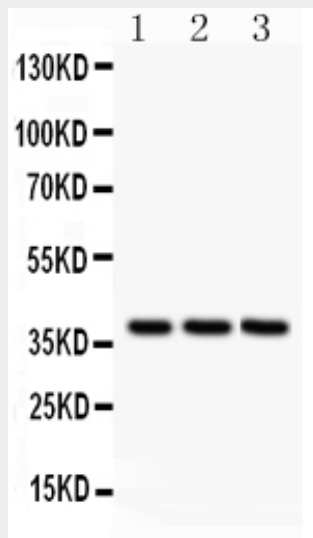
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Bonzo Antibody - Images



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



Anti-Bonzo antibody, ABO11388, Western blotting All lanes: Anti Bonzo (ABO11388) at 0.5ug/ml
 Lane 1: HELA Whole Cell Lysate at 40ug
 Lane 2: JURKAT Whole Cell Lysate at 40ug
 Lane 3: MCF-7 Whole Cell Lysate at 40ug
 Predicted bind size: 39KD
 Observed bind size: 39KD

Anti-Bonzo Antibody - 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.