BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Chemokine Receptor D6 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01753
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CCBP2. AA range:335-384
Mol wt	43443
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IF, ELISA
Concentration	1 mg/ml
Full name	Chemokine Receptor D6 Antibody
Synonyms	CCBP2; CCR10; CMKBR9; Chemokine-binding protein 2; C-C chemokine receptor D6; Chemokine receptor CCR-10; Chemokine receptor CCR-9; Chemokine-binding protein D6

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CCBP2 encodes a beta chemokine receptor, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptor-mediated signal transduction are critical for the recruitment of effector immune cells to the inflammation site. CCBP2 is expressed in a range of tissues and hemopoietic cells. The expression of this receptor in lymphatic endothelial cells and overexpression in vascular tumors suggested its function in chemokine-driven recirculation of leukocytes and possible chemokine effects on the development and growth of vascular tumors. This receptor appears to bind the majority of beta-chemokine family members; however, its specific function remains unknown. CCBP2 is mapped to chromosome 3p21.3, a region that includes a cluster of chemokine receptor genes.

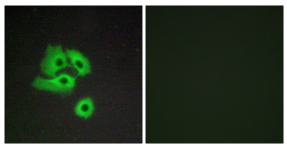
Recommended Dilution

IF: 1: 200 - 1: 1000

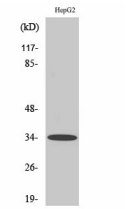
ELISA: 1: 20000

Not yet tested in other applications.

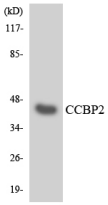
Images



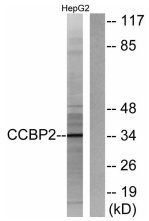
Immunofluorescence analysis of COS7 cells, using CCBP2 Antibody. The picture on the right is blocked with the synthesized peptide.



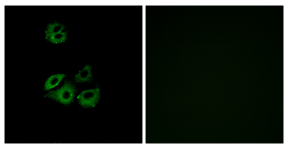
Western Blot analysis of various cells using Chemokine Receptor D6 Polyclonal Antibody



Western blot analysis of the lysates from HT-29 cells using CCBP2 antibody.



Western blot analysis of lysates from HepG2 cells, using CCBP2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of A549 cells, using CCBP2 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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