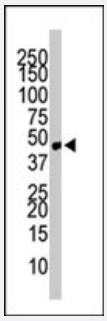
CCBP2 polyclonal antibody

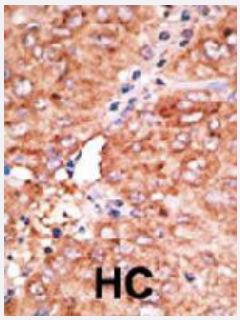
Catalog # PAB3842 Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of CCBP2 polyclonal antibody (Cat # PAB3842) in mouse small intestine tissue lysate. CCBP2 (Arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with CCBP2 polyclonal antibody (Cat # PAB3842) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CCBP2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human CCBP2.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

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Gene Info — CCBP2

Entrez GeneID	1238
Protein Accession#	NP_001287
Gene Name	CCBP2
Gene Alias	CCR10, CCR9, CMKBR9, D6, MGC126678, MGC138250, hD6
Gene Description	chemokine binding protein 2
Omim ID	602648
Gene Ontology	Hyperlink

Gene Summary	This gene 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. This gene 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. This gene is mapped to chromosome 3p21.3, a region that includes a cluster of chemokine receptor genes. [provided by RefSeq
Other Designations	CC-chemokine-binding receptor JAB61|chemokine (C-C motif) receptor 9|chemokine (C-C) receptor 9|chemokine receptor D6

Publication Reference

- CCR10 expression is a common feature of circulating and mucosal epithelial tissue IgA Ab-secreting cells.

  Kunkel EJ, Kim CH, Lazarus NH, Vierra MA, Soler D, Bowman EP, Butcher EC.

  The Journal of Clinical Investigation 2003 Apr; 111(7):1001.

  Application: Flow Cyt, IF, IHC-Fr, Human, Gastrointestinal tissues, Mucosal tissues, T lymphocytes

- Cutting edge: scavenging of inflammatory CC chemokines by the promiscuous putatively silent chemokine receptor D6.

  Fra AM, Locati M, Otero K, Sironi M, Signorelli P, Massardi ML, Gobbi M, Vecchi A, Sozzani S, Mantovani A.

  Journal of Immunology 2003 Mar; 170(5):2279.

- CCR4 versus CCR10 in human cutaneous TH lymphocyte trafficking.

  Soler D, Humphreys TL, Spinola SM, Campbell JJ.

  Blood 2003 Mar; 101(5):1677.

  Application: Flow Cyt, Human, Mouse, CHO, L1/2, Peripheral blood memory TH cells

Disease

- Genetic Predisposition to Disease
- Hepatitis C
- Kidney Failure
- Liver Cirrhosis