

# Rabbit anti-Human, mouse Chemokine Receptor D6 (CCBP2) Polyclonal Antibody | anti-ACKR2 antibody

Chemokine Receptor D6 (CCBP2) Antibody (C-term)

|                               |                       |                                   |                                                                  |
|-------------------------------|-----------------------|-----------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA289434</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|------------------------------------------------------------------|

## PRODUCT SYNONYMS

Chemokine Receptor D6 (CCBP2); Polyclonal Antibody; Chemokine Receptor D6 (CCBP2) Antibody (C-term); Atypical chemokine receptor 2; C-C chemokine receptor D6; Chemokine receptor CCR-10; Chemokine receptor CCR-9; Chemokine-binding protein 2; Chemokine-binding protein D6; ACKR2; CCBP2; CCR10; CMKBR9; D6; anti-ACKR2 antibody

## PRODUCT SPECIFICATIONS

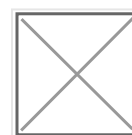
|                                                 |                                                                                                                                                                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                 |
| Reactivity                                      | Human, mouse                                                                                                                                                                                                           |
| Clonality                                       | Polyclonal                                                                                                                                                                                                             |
| Isotype                                         | Rabbit Ig                                                                                                                                                                                                              |
| Specificity                                     | This Chemokine Receptor D6 (CCBP2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 298-328 amino acids from the C-terminal region of human Chemokine Receptor D6 (CCBP2). |
| Purity/Purification                             | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                                              |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.                              |
| Concentration                                   | Vial Concentration: 2 (varies by lot)                                                                                                                                                                                  |
| Sequence Positions                              | 298-328                                                                                                                                                                                                                |
| Sequence Length                                 | 384                                                                                                                                                                                                                    |
| Applicable Applications for anti-ACKR2 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                                                                   |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                                                                      |
| Antigen Source                                  | HUMAN                                                                                                                                                                                                                  |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                                                 |

## IMAGES



### WB (Western Blot)

CCBP2 Antibody (A313) western blot analysis in Hela cell line lysates (35ug/lane). This demonstrates the CCBP2 antibody detected the CCBP2 protein (arrow).



### IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, 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.



#### WB (Western Blot)

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

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ACKR2 antibody | CCBP2 is 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. |
| Product Categories/Family for anti-ACKR2 antibody   | Immunology; Signal Transduction; GPCR Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| References                                          | Kunkel, E.J., et al., J. Clin. Invest. 111(7):1001-1010 (2003).<br>Fra, A.M., et al., J. Immunol. 170(5):2279-2282 (2003).<br>Soler, D., et al., Blood 101(5):1677-1682 (2003).<br>Nibbs, R.J., et al., Am. J. Pathol. 158(3):867-877 (2001).<br>Bonini, J.A., et al., DNA Cell Biol. 16(10):1249-1256 (1997).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 13929467                                       |
| NCBI GeneID                      | 1238                                           |
| NCBI Accession #                 | NP_001287.2                                    |
| NCBI GenBank Nucleotide #        | NM_001296.4                                    |
| UniProt Accession #              | O00590; O00537; Q53YA1; Q86UN9; Q96A02; B2R8Y8 |
| Molecular Weight                 | 43443                                          |
| NCBI Official Full Name          | atypical chemokine receptor 2                  |
| NCBI Official Synonym Full Names | atypical chemokine receptor 2                  |
| NCBI Official Symbol             | ACKR2                                          |
| NCBI Official Synonym Symbols    | D6; hD6; CCR9; CCBP2; CCR10; CMKBR9            |
| NCBI Protein Information         | atypical chemokine receptor 2                  |
| UniProt Protein Name             | Atypical chemokine receptor 2                  |
| UniProt Gene Name                | ACKR2                                          |
| UniProt Synonym Gene Names       | CCBP2; CCR10; CMKBR9; D6                       |
| UniProt Entry Name               | ACKR2_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.