

## ACKR2 Antibody

Catalog No: #46304

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## Description

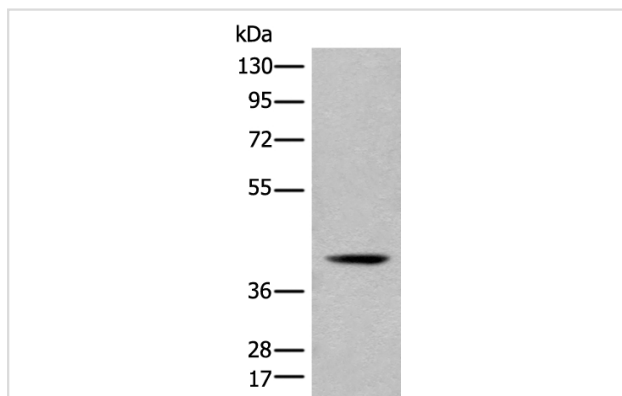
Product Name	ACKR2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ACKR2 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to internal residues of human ACKR2
Target Name	ACKR2
Other Names	D6; hD6; CCR9; CCBP2; CCR10; CMKBR9
Accession No.	Swiss-Prot:O00590NCBI Gene ID:1238NCBI Protein:NP_001287
Uniprot	O00590
GeneID	1238;
Calculated MW	43 kDa
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

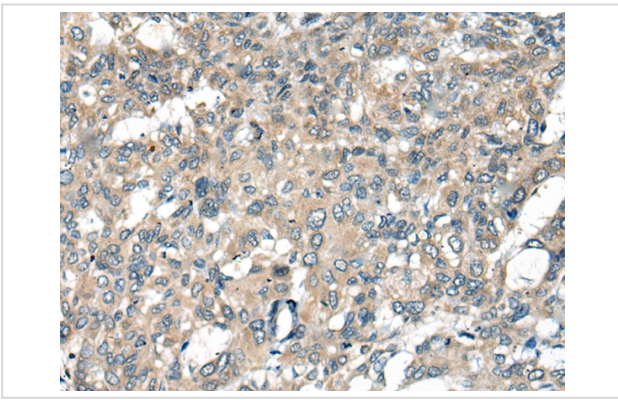
Immunohistochemistry: 1: 30-150

## Images



Gel: 8%SDS-PAGE

lysate: 40 µg, Lane: Human placenta tissue lysate,  
Primary antibody: 46304 (ACKR2 Antibody) at dilution  
1/400Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,  
Exposure time: 3 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46304(ACKR2 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)

## Background

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.

Note: This product is for in vitro research use only