

## Anti-Chemokine Receptor D6 ACKR2 Antibody

Catalog Number: A05491-1

### About ACKR2

Isoform GANP:Essential for the generation of high-affinity B-cells against T-cell-dependent antigens by affecting somatic hypermutation at the IgV-regions. May have stimulation-dependent DNA primase activity that would generate extra RNA primers in very rapidly proliferating cells and would support clonal expansion of differentiating B-cells By similarity. Involved in the nuclear export of poly(A)-containing mRNAs by acting as a scaffold for the TREX-2 complex. The TREX-2 complex functions in docking export-competent ribonucleoprotein particles (mRNPs) to the nuclear entrance of the nuclear pore complex (nuclear basket). TREX-2 participates in mRNA export and accurate chromatin positioning in the nucleus by tethering genes to the nuclear periphery. Isoform MCM3AP:Acetyltransferase targeting MCM3. Inhibits initiation of DNA replication, but not elongation.

Nobuo Sakaguchi, J. Immunol., Apr 2005; 174: 4485 - 4494.

Kazuhiko Kuwahara, Blood, Apr 2000; 95: 2321 - 2328.

Y Kono, K Maeda, Genes Cells, Aug 2002; 7: 821 - 834.

Kazuhiko Kuwahara, PNAS, Aug 2001; 98: 10279.

### Overview

Product Name	Anti-Chemokine Receptor D6 ACKR2 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Chemokine Receptor D6 ACKR2 Antibody catalog # A05491-1. Tested in ELISA, IF, IHC, WB applications. This antibody reacts with Human.
Application	ELISA, IF, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O00590

### Technical Details

Immunogen	Synthesized peptide derived from human Chemokine Receptor D6
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG

Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB 1:500-1:2000</p> <p>IHC 1:100-1:300</p> <p>IF 1:200-1:1000</p> <p>ELISA 1:10000</p>

## Anti-Chemokine Receptor D6 ACKR2 Antibody (A05491-1) Images



Figure 1. Western blotting validation for Anti-Chemokine Receptor D6 ACKR2 Antibody A05491-1

Western Blot (WB) analysis of specific cells using Chemokine Receptor D6 polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

### Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Chemokine Receptor D6 ACKR2 Antibody