

# **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 rapidely 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	lgG





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



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

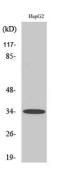


Figure 1. Western blotting validation for Anti-Chemokine Receptor D6 ACKR2 Antibody A05491-1

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

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