

Anti-Histamine H2 receptor HRH2 Antibody

Catalog Number: A05455

About HRH2

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

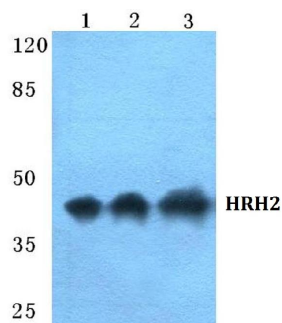
Product Name	Anti-Histamine H2 receptor HRH2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Histamine H2 receptor HRH2 Antibody catalog # A05455. Tested in WB,IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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	P25021

Technical Details

Immunogen	Synthesized peptide derived from human GANP.
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 and the purity is > 95% (by SDS-PAGE).
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: 1:500-1:1000</p> <p>IF: 1:50-1:200</p>

Anti-Histamine H2 receptor HRH2 Antibody (A05455) Images



Western blot (WB) analysis of HRH2 polyclonal antibody at 1:500 dilution Lane1:HEK293T cell lysate Lane2:NIH-3T3 cell lysate Lane3:H9C2 cell lysate

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