

Datasheet for ABIN7043269
anti-HRH1 antibody (2nd Extracellular Loop)

4 Images

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Overview

Quantity:	0.2 mL
Target:	HRH1
Binding Specificity:	2nd Extracellular Loop, AA 176-191
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)REDK(S)ETDFYNVTWFK, corresponding to amino acid residues 176 - 191 of mouse H1 Histamine Receptor
Isotype:	IgG
Characteristics:	Anti-Histamine H1 Receptor/HRH1 (extracellular) Antibody (ABIN7043269, ABIN7044512 and ABIN7044513)) is a highly specific antibody directed against an epitope of mouse H1R. The antibody can be used in western blot and live cell flow cytometry applications. It has been designed to recognize H1R from rat, mouse, and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

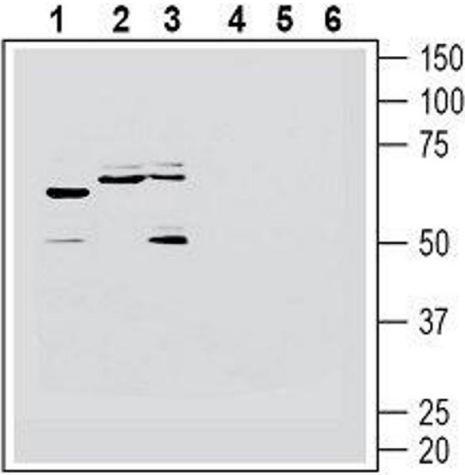
Target:	HRH1
Alternative Name:	Histamine H1 Receptor/HRH1 (HRH1 Products)
Background:	Alternative names: Histamine Receptor H1, H1R
Gene ID:	42648
NCBI Accession:	NM_000861
UniProt:	P35367
Pathways:	Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>

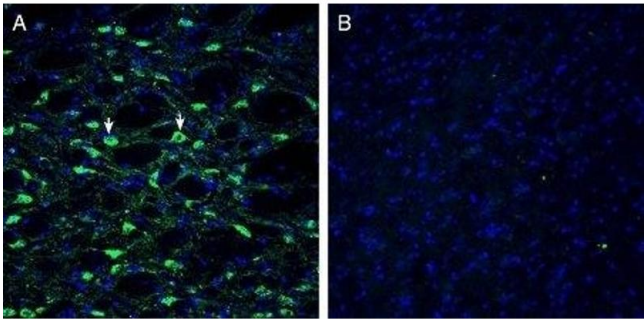


Western Blotting

Image 1. Western blot analysis of human Jurkat T-cell leukemia cell line lysate (lanes 1 and 4), human U-87 MG glioblastoma cell line lysate (lanes 2 and 5) and human SH-SY5Y neuroblastoma cell line lysate (lanes 3 and 6): 1-3. Anti- Histamine H1 Receptor/HRH1 Antibody (extracellular) (ABIN7043269, ABIN7044512 and ABIN7044513), (1:200). 4-6. Anti-Histamine H1 Receptor/HRH1 (extracellular) Antibody, preincubated with Histamine H1 Receptor/HRH1 (extracellular) Blocking Peptide (#BLP-HR006).

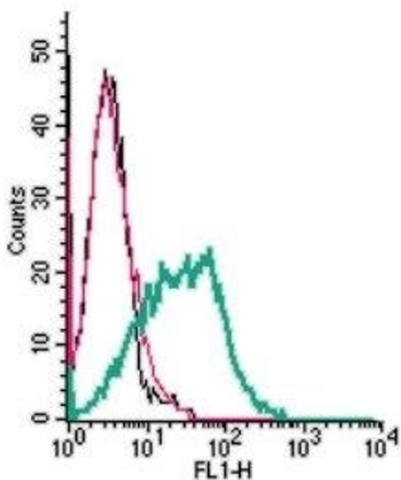
Immunohistochemistry

Image 2. Expression of Histamine H1 Receptor in mouse substantia nigra - Immunohistochemical staining of perfusion-fixed frozen mouse brain sections with Anti- Histamine H1 Receptor/HRH1 Antibody (extracellular) (ABIN7043269, ABIN7044512 and ABIN7044513), (1:300), followed by goat anti-rabbit-AlexaFluor-488. A. Histamine H1 Receptor immunoreactivity (green) appears in neuronal profiles (vertical arrows). B. Pre-incubation of the antibody with Histamine H1 Receptor (HRH1) (extracellular) Blocking Peptide (#BLP-HR006), suppresses staining. Cell nuclei are stained with DAPI (blue).



Flow Cytometry

Image 3. Cell surface detection of Histamine H1 Receptor in live intact human MEG-01 megakaryoblastic leukemia cells: (black line) Cells.(red line) Cells + goat-anti-rabbit-FITC.(green line) Cells + Anti-Histamine H1 Receptor/HRH1 (extracellular) Antibody (ABIN7043269, ABIN7044512 and ABIN7044513), (5 µg) + goat-anti-rabbit-FITC.



Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7043269.