Datasheet for ABIN7043268

anti-HRH1 antibody (3rd Intracellular Loop)

3 Images

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Overview

Quantity:	50 µL
Target:	HRH1
Binding Specificity:	3rd Intracellular Loop, AA 396-409
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HRH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)HSRQYVSGLHLNRE, corresponding to amino acids 396-409 of rat HRH1
Isotype:	IgG
Characteristics:	Anti-Histamine H1 Receptor (HRH1) Antibody (ABIN7043268, ABIN7044505 and ABIN7044506)) is a highly specific antibody directed against an epitope of rat H1R. The antibody can be used in western blot, immunocytochemistry, indirect flow cytometry, and immunohistochemstry applications. It has been designed to recognize H1R from rat, mouse, and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

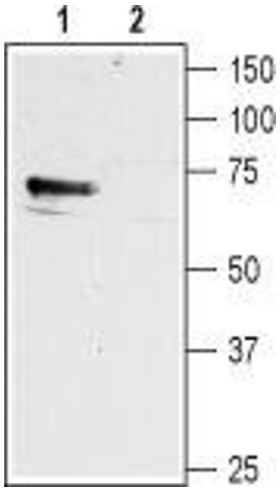
Target:	HRH1
Alternative Name:	Histamine H1 Receptor (HRH1) (HRH1 Products)
Background:	Alternative names: Histamine H1 Receptor (HRH1), H1R, HH1R
Gene ID:	24448
NCBI Accession:	NM_032369
UniProt:	P31390
Pathways:	Regulation of Carbohydrate Metabolic Process

Application Details

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

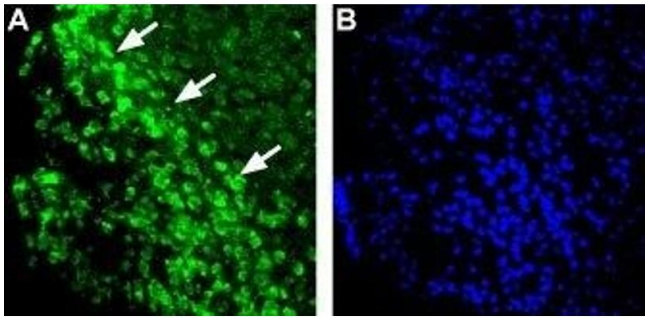
Handling

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:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. 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).



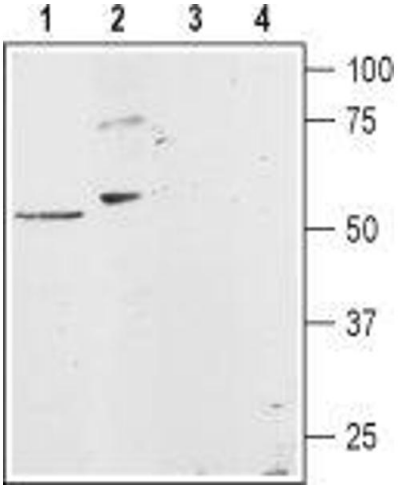
Western Blotting

Image 1. Western blot analysis of mouse brain membranes: - 1. Anti-Histamine H1 Receptor (HRH1) Antibody (ABIN7043268, ABIN7044505 and ABIN7044506), (1:400).2. Anti-Histamine H1 Receptor (HRH1) Antibody, preincubated with Histamine H1 Receptor/HRH1 Blocking Peptide (#BLP-HR001).



Immunohistochemistry

Image 2. Expression of Histamine H1 receptor in mouse brain - Immunohistochemical staining of mouse ventromedial hypothalamus (VMH) using Anti-Histamine H1 Receptor (HRH1) Antibody (ABIN7043268, ABIN7044505 and ABIN7044506). A. H1R (green fluorescence) appears in the outline of the VMH nucleus (arrows). B. DAPI (blue) counterstain labels all cell nuclei including VMH.



Western Blotting

Image 3. Western blot analysis of rat heart membranes (lanes 1 and 3) and rat basophilic leukemia (RBL) cell lysates (lanes 2 and 4): - 1,2. Anti-Histamine H1 Receptor (HRH1) Antibody (ABIN7043268, ABIN7044505 and ABIN7044506), (1:200).3,4. Anti-Histamine H1 Receptor (HRH1) Antibody, preincubated with Histamine H1 Receptor/HRH1 Blocking Peptide (#BLP-HR001).