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EB06904 - Goat Anti-Histamine Receptor H1 (C Term) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HRH1, histamine receptor H1, HGNC:5182, H1-R, hisH1, histamine

receptor, subclass H1, OTTHUMP00000160133, histamine H(1) receptor

Official Symbol: HRH1

Accession Number(s): NP_000852.1; NP_001091681.1; NP_001091682.1;

NP 001091683.1

Human GenelD(s): 3269

Non-Human GenelD(s): 15465 (mouse), 24448 (rat)

Important Comments: Variants (NP_000852.1; NP_001091681.1; NP_001091682.1;

NP_001091683.1) encode the same protein.

Immunogen

Peptide with sequence CNENFKKTFKRILH, from the C Terminus of the protein sequence according to NP_000852.1; NP_001091681.1; NP_001091682.1; NP_001091683.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

IHC: This product has been successfully used in IHC on Rat (PMID: 30226827).

 ${\bf Immunofluorescence} : This \ product \ has \ been \ successfully \ used \ in \ IF \ on \ Rat \ (PMID:$

30413645 and 30143981).

Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration:

10ug/ml.

Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

Specific References

This antibody has been successfully used in IF on Rat:

Chen ZP, Zhang XY, Peng SY, Yang ZQ, Wang YB, Zhang YX, Chen X, Wang JJ, Zhu JN Histamine H1 Receptor Contributes to Vestibular Compensation.

J Neurosci. 2019 Jan 16;39(3):420-433.

PMID: 30413645

This antibody has been successfully used in IHC on Rat:

Zhuang QX, Li GY, Li B, Zhang CZ, Zhang XY, Xi K, Li HZ, Wang JJ, Zhu JN.

Regularizing firing patterns of rat subthalamic neurons ameliorates parkinsonian motor deficits.

J Clin Invest. 2018 Sep 18.

PMID: 30226827

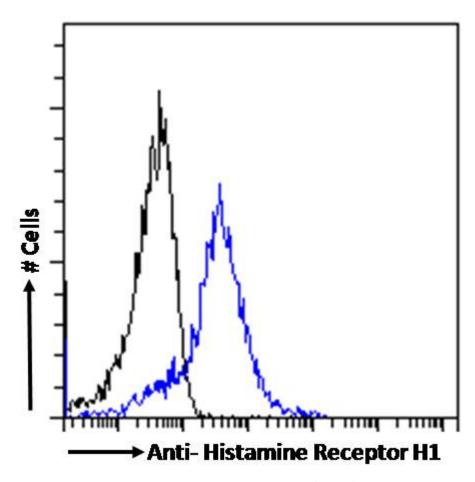
This antibody has been successfully used in IF on Rat:

Miao-Jin Ji, Xiao-Yang Zhang, Xiao-Chun Peng, Yang-Xun Zhang, Zi Chen, Lei Yu, Jian-Jun Wang, Jing-Ning Zhu

Histamine Excites Rat GABAergic Ventral Pallidum Neurons via Co-activation of H1 and H2 Receptors

Neurosci Bull. 2018 Dec;34(6):1029-1036.

PMID: 30143981



EB06904 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.