

Histamine Receptor H1 (C Term) Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2455a

Specification

Histamine Receptor H1 (C Term) Antibody (C-Term) - Product Information

Application	IHC, FC
Primary Accession	P35367
Other Accession	NP_000852.1 , NP_001091681.1 , NP_001091682.1 , NP_001091683.1 , 3269 , 15465 (mouse) , 24448 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	55784

Histamine Receptor H1 (C Term) Antibody (C-Term) - Additional Information

Gene ID 3269

Other Names

Histamine H1 receptor, H1R, HH1R, HRH1

Format

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

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Histamine Receptor H1 (C Term) Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Histamine Receptor H1 (C Term) Antibody (C-Term) - Protein Information

Name HRH1

Function

In peripheral tissues, the H1 subclass of histamine receptors mediates the contraction of smooth muscles, increase in capillary permeability due to contraction of terminal venules, and catecholamine release from adrenal medulla, as well as mediating neurotransmission in the central nervous system.

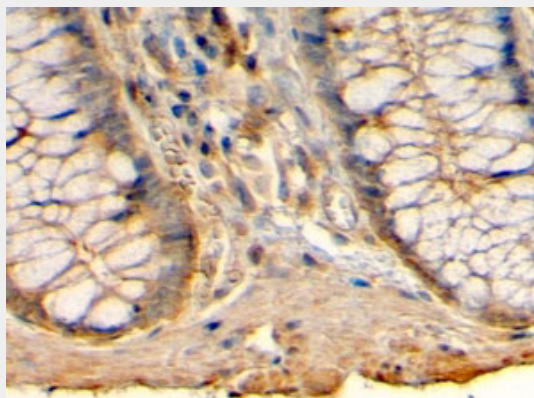
Cellular Location

Cell membrane; Multi-pass membrane protein

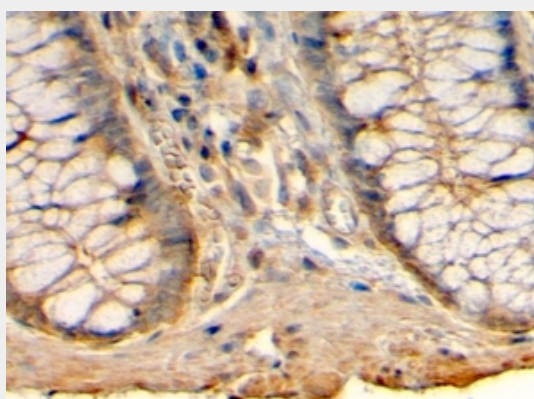
Histamine Receptor H1 (C Term) Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

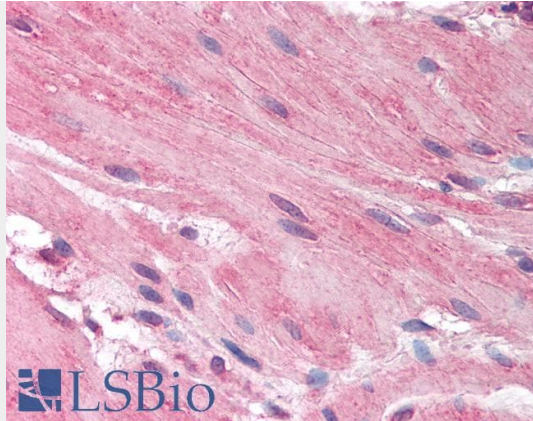
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Histamine Receptor H1 (C Term) Antibody (C-Term) - Images

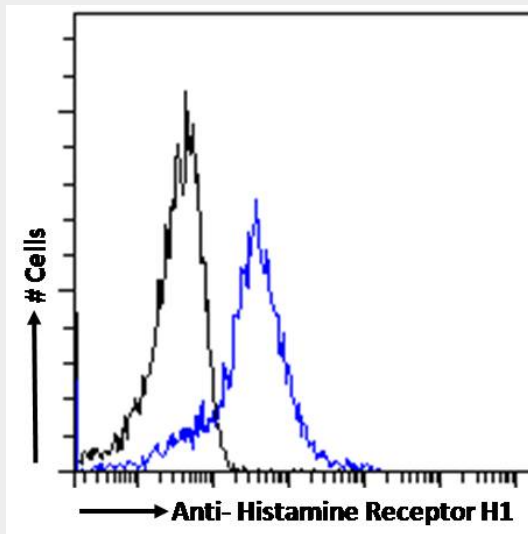
AF2455a (4 μ g/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



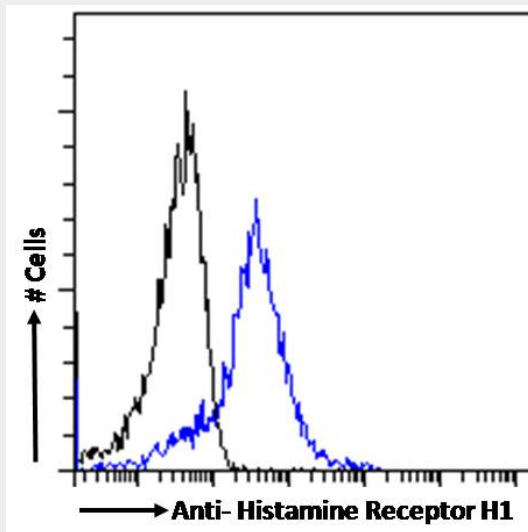
EB06904 (4 μ g/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06904 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



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) fol



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) fol

Histamine Receptor H1 (C Term) Antibody (C-Term) - Background

Variants (NP_000852.1; NP_001091681.1; NP_001091682.1; NP_001091683.1) encode the same protein.

Histamine Receptor H1 (C Term) Antibody (C-Term) - References

Beta(2)-adrenergic receptor-mediated histamine H(1) receptor down-regulation: another possible advantage of beta(2) agonists in asthmatic therapy. Kawakami N, Miyoshi K, Horio S, Fukui H. J Pharmacol Sci. 2004 Apr;94(4):449-58. PMID: 15107586

Histamine Receptor H1 (C Term) Antibody (C-Term) - Citations

- [Rhubarb-Evoke Mucus Secretion through Aggregation and Degranulation of Mast Cell in the Colon of Rat: In vivo and ex vivo studies](#)