

HRH4 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP1701b

Product Information

Application	WB, E
Primary Accession	Q96LD9
Other Accession	Q9H3N8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB1073
Calculated MW	44470
Antigen Region	359-390

Additional Information

Other Names	Histamine receptor H4;
Target/Specificity	This HRH4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 359-390 amino acids from the C-terminal region of human HRH4.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HRH4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	H4 {ECO:0000313 EMBL:AAL09297.1}
Cellular Location	Cell membrane {ECO:0000256 ARBA:ARBA00004651}; Multi-pass membrane protein {ECO:0000256 ARBA:ARBA00004651}

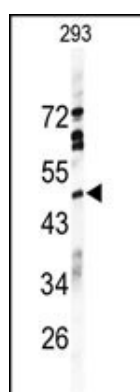
Background

Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by histamine receptors H1, H2, H3 and H4. Histamine receptor H4 belongs to the family 1 of G protein-coupled receptors and has the highest homology to histamine receptor H3 among known G protein-coupled receptors.

References

Lippert, U., et al., J. Invest. Dermatol. 123(1):116-123 (2004).
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Morse, K.L., et al., J. Pharmacol. Exp. Ther. 296(3):1058-1066 (2001).
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Images



Western blot analysis of HRH4 Antibody (C-term) (Cat.# AP1701b) in 293 cell line lysates (35ug/lane). HRH4 (arrow) was detected using the purified Pab.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.