

HRH4 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1701b**Specification**

HRH4 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O96LD9
Other Accession	O9H3N8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	44470
Antigen Region	359-390

HRH4 Antibody (C-term) - 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.

HRH4 Antibody (C-term) - Protein Information

Name H4 {ECO:0000313|EMBL:AAL09297.1}

Cellular Location

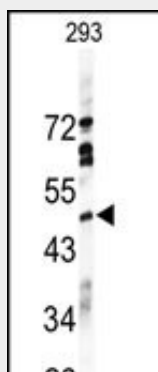
Cell membrane {ECO:0000256|ARBA:ARBA00004651}; Multi-pass membrane protein {ECO:0000256|ARBA:ARBA00004651}

HRH4 Antibody (C-term) - Protocols

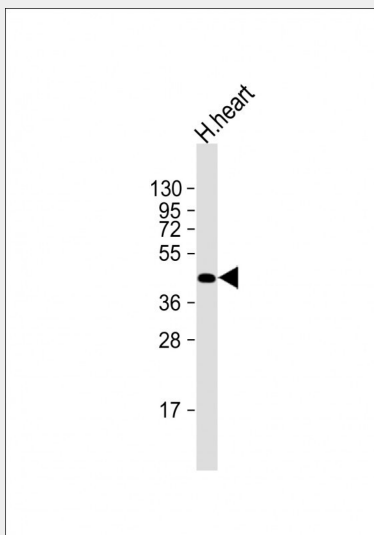
Provided below are standard protocols that you may find useful for product applications.

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

HRH4 Antibody (C-term) - 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.



Anti-HRH4 Antibody (C-term) at 1:2000 dilution + human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 44 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

HRH4 Antibody (C-term) - 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.

HRH4 Antibody (C-term) - References

Lippert, U., et al., J. Invest. Dermatol. 123(1):116-123 (2004).
Coge, F., et al., Biochem. Biophys. Res. Commun. 284(2):301-309 (2001).
Morse, K.L., et al., J. Pharmacol. Exp. Ther. 296(3):1058-1066 (2001).
Zhu, Y., et al., Mol. Pharmacol. 59(3):434-441 (2001).
Liu, C., et al., Mol. Pharmacol. 59(3):420-426 (2001).