

HRH4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP1701b**Specification**

HRH4 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O96LD9](#)**HRH4 Antibody (C-term) Blocking Peptide - Additional Information****Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1701b](/product/products/AP1701b) was selected from the C-term region of human HRH4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HRH4 Antibody (C-term) Blocking Peptide - 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}. Membrane {ECO:0000256|ARBA:ARBA00004141}; Multi-pass membrane protein {ECO:0000256|ARBA:ARBA00004141}

HRH4 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HRH4 Antibody (C-term) Blocking Peptide - Images**HRH4 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - 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).