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HRH1 Antibody (Center)

Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14425c

Specification

HRH1 Antibody (Center) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	P35367
Other Accession	NP_000852.1, NP_001091682.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**55784**
Antigen Region	**273-301**

HRH1 Antibody (Center) - Additional Information

Gene ID 3269

Other Names
Histamine H1 receptor, H1R, HH1R, HRH1

Target/Specificity
This HRH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 273-301 amino acids from the Central region of human HRH1.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

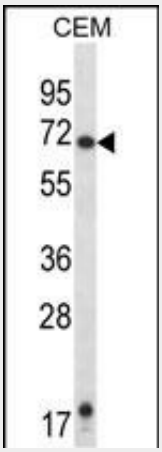
Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
HRH1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

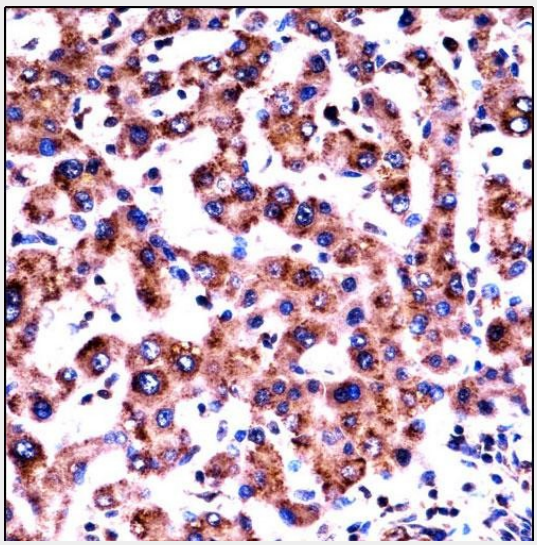
HRH1 Antibody (Center) - Protein Information

Name HRH1

Function



HRH1 Antibody (Center) (Cat. #AP14425c) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the HRH1 antibody detected the HRH1 protein (arrow).



HRH1 Antibody (Center) (AP14425c)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HRH1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

HRH1 Antibody (Center) - Background

Histamine is a ubiquitous messenger molecule

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

HRH1 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

released from
mast cells, enterochromaffin-like cells, and neurons. Its various
actions are mediated by histamine receptors H1, H2, H3 and H4. This
gene was thought to be intronless until recently. The protein
encoded by this gene is an integral membrane protein and belongs to
the G protein-coupled receptor superfamily. It mediates the
contraction of smooth muscles, the increase in capillary
permeability due to contraction of terminal venules, the release of
catecholamine from adrenal medulla, and neurotransmission in the
central nervous system. Multiple alternatively spliced variants,
encoding the same protein, have been identified. [provided by
RefSeq].

HRH1 Antibody (Center) - References

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Ruano, G., et al. Pharmacogenomics
11(7):959-971(2010)
Davila, S., et al. Genes Immun.
11(3):232-238(2010)
Notcovich, C., et al. Exp. Cell Res.
316(3):401-411(2010)
Talmud, P.J., et al. Am. J. Hum. Genet.
85(5):628-642(2009)

HRH1 Antibody (Center) - Citations

- Histamine deficiency aggravates cardiac injury through miR-206/216b-Atg13 axis-mediated autophagic-dependant apoptosis.