Rabbit anti-Human HRH1 Polyclonal Antibody | anti-HRH1 antibody

HRH1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290142	**Rabbit**	**Human**	**Immunohistochemistry, ELISA, Western Blot**

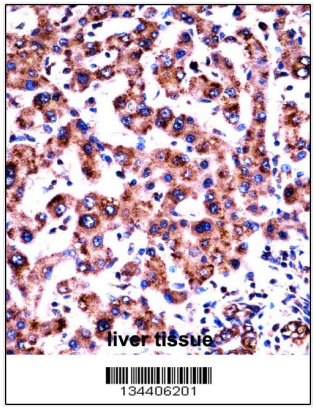
PRODUCT SYNONYMS

HRH1; Polyclonal Antibody; HRH1 Antibody (Center); Histamine H1 receptor; H1R; HH1R; anti-HRH1 antibody

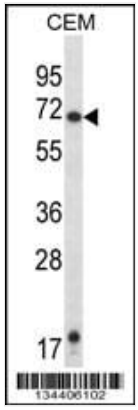
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	273-301
Sequence Length	487
Applicable Applications for anti-HRH1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
HRH1 Antibody (Center) (AAA290142)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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-HRH1 antibody	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. 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].
Product Categories/Family for anti-HRH1 antibody	Immunology; Signal Transduction; GPCR Antibodies
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) 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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504491
NCBI GeneID	3269
NCBI Accession #	NP_000852.1; NP_001091681.1; NP_001091682.1; NP_001091683.1
NCBI GenBank Nucleotide #	NM_000861.3
UniProt Accession #	P35367; Q6P9E5; A8K047
Molecular Weight	55784
NCBI Official Full Name	histamine H1 receptor
NCBI Official Synonym Full Names	histamine receptor H1
NCBI Official Symbol	HRH1

NCBI Official Synonym Symbols	H1R; H1-R; HH1R; hisH1
NCBI Protein Information	histamine H1 receptor
UniProt Protein Name	Histamine H1 receptor
UniProt Gene Name	**HRH1**
UniProt Synonym Gene Names	H1R; HH1R
UniProt Entry Name	HRH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/hrh1-antibody-immunohistochemistry-western-blot-elisa/290142