

Rabbit HRH1 Polyclonal Antibody | anti-HRH1 antibody

HRH1 Rabbit pAb

CATALOG # AAA282040	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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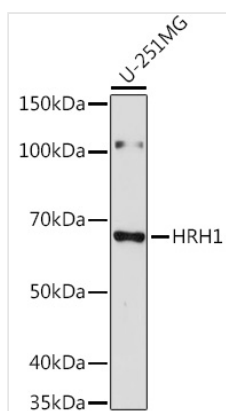
PRODUCT SYNONYMS

HRH1; Polyclonal Antibody; HRH1 Rabbit pAb; H1R; H1-R; HH1R; hisH1; anti-HRH1 antibody

PRODUCT SPECIFICATIONS

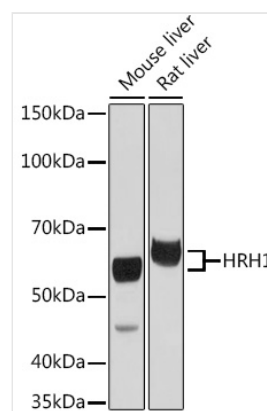
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-HRH1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 250-340 of human HRH1 (NP_000852.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of U-251MG cells, using HRH1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HRH1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-HRH1 antibody	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. 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. It has been associated with multiple processes, including memory and learning, circadian rhythm, and thermoregulation. It is also known to contribute to the pathophysiology of allergic diseases such as atopic dermatitis, asthma, anaphylaxis and allergic rhinitis. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Product Categories/Family for anti-HRH1 antibody	Signal Transduction; G protein signaling; G-Protein-Coupled Receptors(GPCR)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504491
NCBI GeneID	3269
NCBI Accession #	NP_000852.1
NCBI GenBank Nucleotide #	NM_000861.3
UniProt Accession #	P35367; Q6P9E5; A8K047
Molecular Weight	Observed MW: 60KDa Calculated MW: 56kDa
NCBI Official Full Name	histamine H1 receptor
NCBI Official Synonym Full Names	histamine receptor H1
NCBI Official Symbol	HRH1
NCBI Official Synonym Symbols	H1-R; hisH1
NCBI Protein Information	histamine H1 receptor; H1R; HH1R; histamine receptor, subclass H1
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-immunofluorescence-western-blot-elisa/282040>