
HRH1 Rabbit pAb

Catalog Number: bs-6663R

Target Protein: HRH1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human (predicted:Mouse, Rat, Pig, Cow, Dog)

Predicted MW: 54 kDa

Entrez Gene: 3269

Swiss Prot: P35367

Source: KLH conjugated synthetic peptide derived from human HRH1: 141-240/487.

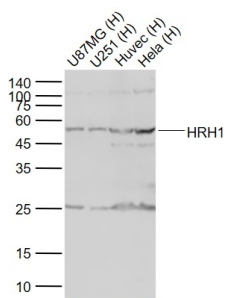
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

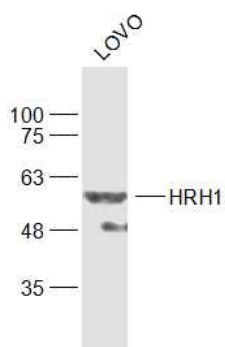
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. 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, Jul 2008].

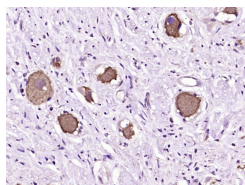
VALIDATION IMAGES



Sample: Lane 1: U87MG (Human) Cell Lysate at 30 ug Lane 2: U251 (Human) Cell Lysate at 30 ug Lane 3: Huvec (Human) Cell Lysate at 30 ug Lane 4: Hela (Human) Cell Lysate at 30 ug Primary: Anti-HRH1 (bs-6663R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56 kD Observed band size: 56 kD



Sample: LOVO(Human) Cell Lysate at 30 ug Primary: Anti-HRH1 (bs-6663R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 54 kD Observed band size: 54 kD



Paraformaldehyde-fixed, paraffin embedded (Human ovarian cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HRH1) Polyclonal Antibody, Unconjugated (bs-6663R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=11.685] Kristine Elisabeth Eberhard. et al. Neurotransmitter and Neurotransmitter Receptor Expression in the Sacculle of the Human Vestibular System. Prog Neurobiol. 2022 Jan;;102238 IHC ; Human . 35104536

[IF=6.038] Liao, Xiaodan. et al. Fullerene nanoparticles for the treatment of ulcerative colitis. 2021 Nov 02 WB ; Rat . 34735681

[IF=3.263] Aya Sato. et al. Histamine depolarizes rat intracardiac ganglion neurons through the activation of TRPC non-selective cation channels. Eur J Pharmacol. 2020 Nov;886:173536 WB ; Rat . 32896550

[IF=2.629] Yu Wen-Yan. et al. Acupuncture Alleviates Menstrual Pain in Rat Model via Suppressing Eotaxin/CCR3 Axis to Weak EOS-MC Activation. Evid-Based Compl Alt. 2022;2022:4571981 WB ; Rat . 35069759

[IF=1.54] Møller, M. Nue, et al. "Expression of histamine receptors in the human endolymphatic sac: the molecular rationale for betahistine use in Menieres disease." European Archives of Oto-Rhino-Laryngology: 1-6. IHC ; ="Human" . 26208913