




## Rabbit Anti-HRH1 antibody

SL6663R

<b>Product Name:</b>	HRH1
<b>Chinese Name:</b>	组胺受体H1抗体
<b>Alias:</b>	H1R; HisH1; Histamine H1 receptor; Histamine receptor H1; Histamine receptor subclass H1; HRH1_HUMAN.
<b>文献引用</b>  :	<b>Specific References(1)</b>  SL6663R has been referenced in 1 publications. [IF=1.54]M?ller, 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-P;Human. <a href="#">PubMed:26208913</a>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	54kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human HRH1:141-240/487<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>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].</p> <p><b>Function:</b> 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.</p> <p><b>Subcellular Location:</b> Cell membrane; Multi-pass membrane protein.</p> <p><b>Post-translational modifications:</b> Potential sites of phosphorylation in the third cytoplasmic loop may play an important role in regulating signal transduction through the receptor molecule.</p> <p><b>Similarity:</b> Belongs to the G-protein coupled receptor 1 family.</p> <p><b>SWISS:</b> P35367</p> <p><b>Gene ID:</b> 3269</p> <p><b>Database links:</b></p> <p><a href="#">Entrez Gene: 3269</a>Human</p> <p><a href="#">Entrez Gene: 15465</a>Mouse</p> <p><a href="#">Entrez Gene: 24448</a>Rat</p> <p><a href="#">Omim: 600167</a>Human</p> <p><a href="#">SwissProt: P35367</a>Human</p> <p><a href="#">SwissProt: P70174</a>Mouse</p>

[SwissProt: P31390](#)Rat

[Unigene: 1570](#)Human

[Unigene: 333327](#)Mouse

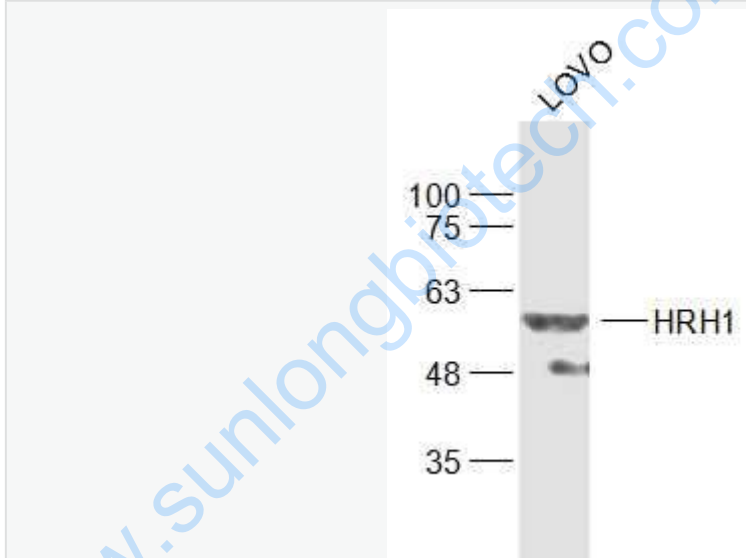
[Unigene: 177519](#)Rat

[Unigene: 81032](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Picture:**



Sample:

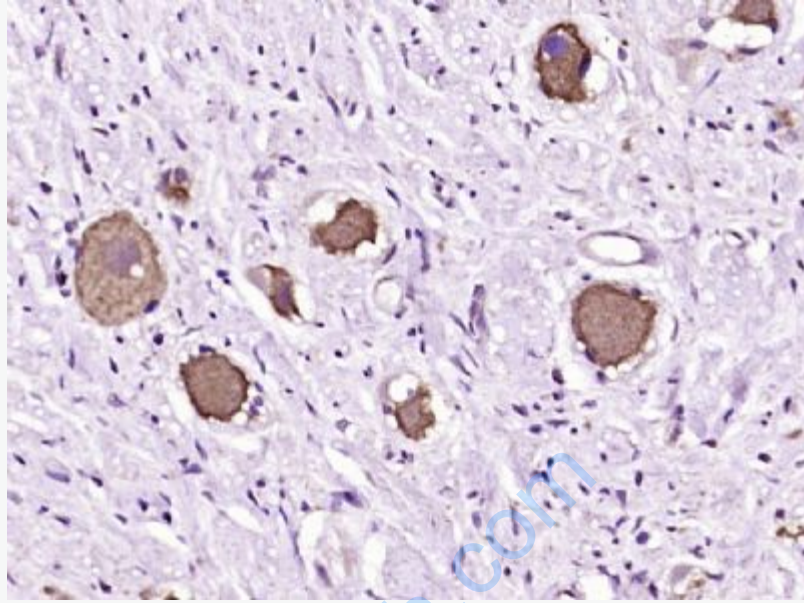
LOVO(Human) Cell Lysate at 30 ug

Primary: Anti-HRH1 (SL6663R) 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 (SL6663R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.