



Rabbit Anti-phospho-HRH1 (Ser398) antibody

SL6665R

Product Name:	phospho-HRH1 (Ser398)
Chinese Name:	磷酸化组胺受体H1抗体
Alias:	HRH1 (phospho S398); p-HRH1 (phospho Ser398); HRH1(phospho S398); H1R; HisH1; Histamine H1 receptor; Histamine receptor H1; Histamine receptor subclass H1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Guinea Pig,
Applications:	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.
Molecular weight:	54kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human HRH1 around the phosphorylation site of Ser398:SH(p-S)RQ
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	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].

Function:

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.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Post-translational modifications:

Potential sites of phosphorylation in the third cytoplasmic loop may play an important role in regulating signal transduction through the receptor molecule.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

P35367

Gene ID:

3269

Database links:

[Entrez Gene: 3269](#) Human

[Entrez Gene: 15465](#) Mouse

[Omim: 600167](#) Human

[SwissProt: P35367](#) Human

[SwissProt: P70174](#) Mouse

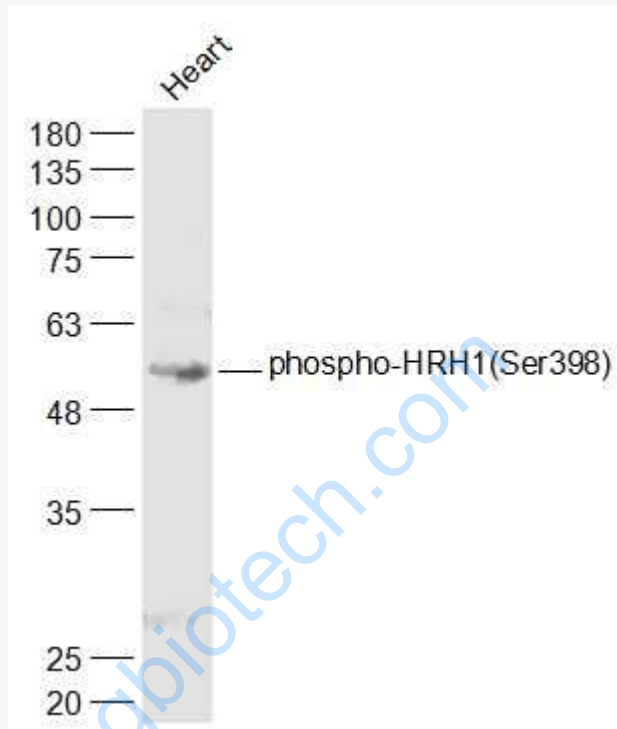
[Unigene: 1570](#) Human

[Unigene: 333327](#) Mouse

Important Note:

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

Picture:



Sample:

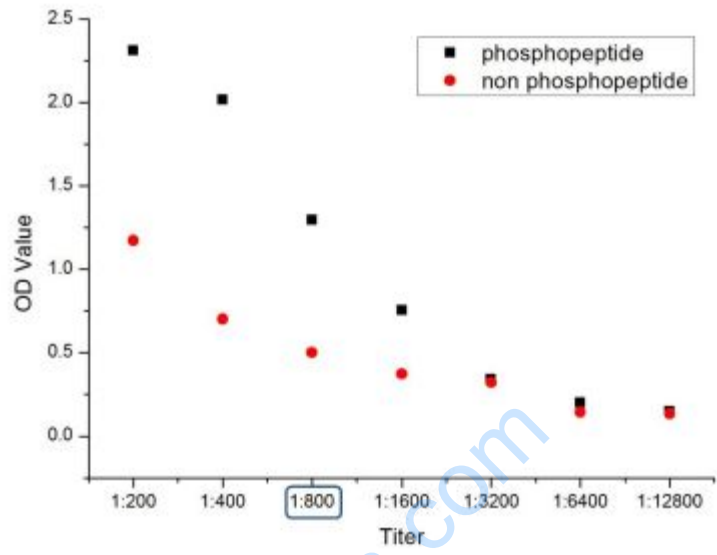
Heart (Mouse) Lysate at 40 ug

Primary: Anti-phospho-HRH1(Ser398) (SL6665R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 54 kD

Observed band size: 55 kD



phosphopeptide non phosphopeptide