

Histamine H1 Receptor (Phospho Ser398) Rabbit pAb

CatalogNo: YP1187

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IF, ELISA

MW

- 56kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

IF 1:200-1:1000

ELISA 1:10000

Not yet tested in other applications

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human Histamine H1 Receptor around the phosphorylation site of Ser398. AA range:364-413

Specificity Phospho-Histamine H1 Receptor (S398) Polyclonal Antibody detects endogenous levels of Histamine H1 Receptor protein only when phosphorylated at S398. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):SHsRQ

Target Information

Gene name HRH1
Protein Name Histamine H1 receptor

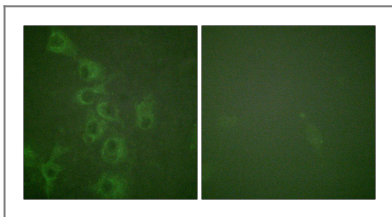
Organism	Gene ID	UniProt ID
Human	3269;	P35367;
Mouse	15465;	P70174;
Rat	24448;	P31390;

Cellular Localization Cell membrane ; Multi-pass membrane protein .

Tissue specificity Lens epithelium,Lung,

Function 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.,PTM: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.,

Validation Data



Immunofluorescence analysis of HUVEC cells, using Histamine H1 Receptor (Phospho-Ser398) Antibody. The picture on the right is blocked with the phospho peptide.

Contact information

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