

# Histamine H1 Receptor (Phospho-Ser398) Conjugated Antibody



Catalog No: #C11695

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

Package Size: #C11695-AF350 100ul #C11695-AF405 100ul #C11695-AF488 100ul

#C11695-AF555 100ul #C11695-AF594 100ul #C11695-AF647 100ul

#C11695-AF680 100ul #C11695-AF750 100ul #C11695-Biotin 100ul

## Description

|                       |  |
|-----------------------|--|
| Product Name          | Histamine H1 Receptor (Phospho-Ser398) Conjugated Antibody   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Species Reactivity    | Hu   |
| Specificity           | The antibody detects endogenous levels of Histamine H1 Receptor only when phosphorylated at serine 398.  |
| Immunogen Description | Peptide sequence around phosphorylation site of Serine 398(S-H-S(p)-R-Q) derived from Human Histamine H1 Receptor .  |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750   |
| Other Names           | H1-R;HRH1;histamine H1 receptor  |
| Accession No.         | Swiss-Prot#:P35367NCBI Gene ID:3269NCBI mRNA#:NM_000861.3. NCBI Protein#:NP_000852.1.  |
| Uniprot               | P35367   |
| GeneID                | 3269;  |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW         | 55   |
| Formulation           | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide  |
| Storage               | Store at 4°C in dark for 6 months  |

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

---

## Product Description

---

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

---

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.

---

Note: This product is for in vitro research use only