10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Histamine H1 Receptor Polyclonal Antibody
Catalog # AP70323

Specification

Histamine H1 Receptor Polyclonal Antibody - Product Information

Application	**WB, IF**
Primary Accession	P35367
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

Histamine H1 Receptor Polyclonal Antibody - Additional Information

Gene ID 3269

Other Names
HRH1; Histamine H1 receptor; H1R; HH1R

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
IF~~1:50~200

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

Histamine H1 Receptor Polyclonal Antibody - Protein Information

Name HRH1 (HGNC:5182)

Function
G-protein-coupled receptor for histamine, a biogenic amine that functions as an immune modulator and a neurotransmitter (PubMed:33828102, PubMed:8280179). Through the H1 receptor, histamine mediates the contraction of smooth muscles and increases capillary permeability due to contraction of terminal venules. Also mediates neurotransmission in the central nervous system and thereby regulates circadian rhythms, emotional and locomotor activities as well as cognitive functions (By similarity).

Cellular Location
Cell membrane; Multi-pass membrane protein

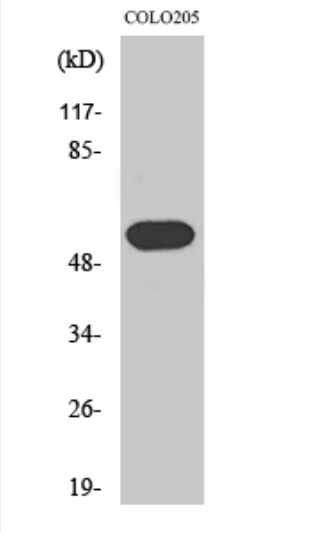
Histamine H1 Receptor Polyclonal Antibody - Protocols

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

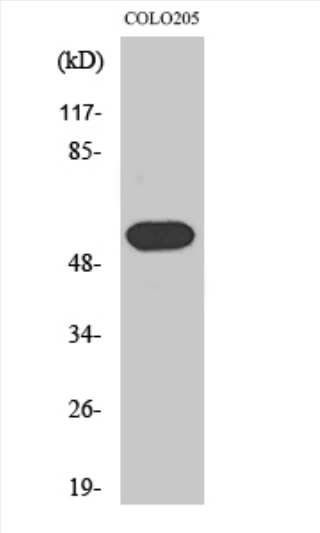
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Histamine H1 Receptor Polyclonal Antibody - Images



Western Blot analysis of various cells using Histamine H1 Receptor Polyclonal Antibody diluted at 1□2000



Western Blot analysis of various cells using Histamine H1 Receptor Polyclonal Antibody diluted at 1□2000

Histamine H1 Receptor Polyclonal Antibody - 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.