# Histamine H1 Receptor Polyclonal Antibody

Catalog Number:E-AB-13307 1 Publications



*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	Synthetic peptide of human HRH1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4
Applications	Recommended Dilution
WB	1:500-1:2000
ІНС	1:50-1:200
Data	



Western Blot analysis of Human normal colon tissue using Histamine H1 Receptor Polyclonal Antibody at dilution of 1:200 Calculated Mw:56kDa



Immunohistochemistry of paraffin-embedded Human thyroid cancer using Histamine H1 Receptor Polyclonal Antibody at dilution of 1:40



Immunohistochemistry of paraffin-embedded Human gastric cancer using Histamine H1 Receptor Polyclonal Antibody at dilution of 1:40

### **Preparation & Storage**

Storage

Store at -20°C. Avoid freeze / thaw cycles.

#### **Background**

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

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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.

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