

产品名称: Histamine H2 Receptor Rabbit Polyclonal Antibody
产品货号: APRab12042



产品概述 (Summary)

产品名称 (Production Name)	Histamine H2 Receptor Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	HRH2
别名 (Alternative Names)	HRH2; Histamine H2 receptor; H2R; HH2R; Gastric receptor I
基因 ID (Gene ID)	3274.0
蛋白 ID (SwissProt ID)	P25021. The antiserum was produced against synthesized peptide derived from human HRH2. AA range: 131-180

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	40kDa

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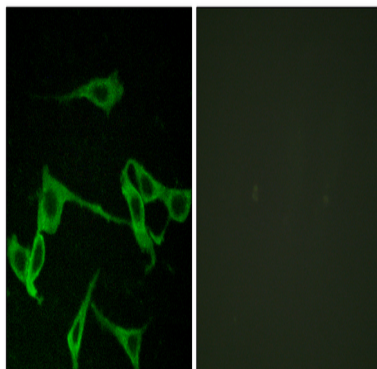
研究背景 (Background)

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. Histamine receptor H2 belongs to the family 1 of G protein-coupled receptors. It is an integral membrane protein and stimulates gastric acid secretion. It also regulates gastrointestinal motility and intestinal secretion and is thought to be involved in regulating cell growth and differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008],function:The H2 subclass of histamine receptors mediates gastric acid secretion. Also appears to regulate gastrointestinal motility and intestinal secretion. Possible role in regulating cell growth and differentiation. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and, through a separate G protein-dependent mechanism, the phosphoinositide/protein kinase (PKC) signaling pathway.,miscellaneous:Antagonists for this receptor have proven to be effective therapy for acid peptic disorders of the gastrointestinal tract. Certain antagonists are used in the treatment of neuropsychiatric and neurological diseases such as schizophrenia, Alzheimer disease and Parkinson disease.,online information:H2 receptor entry,similarity:Belongs to the G-protein coupled receptor 1 family.,

研究领域 (Research Area)

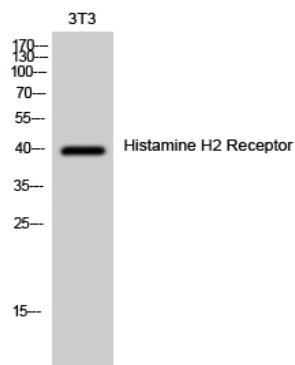
Calcium;Neuroactive ligand-receptor interaction;

图片 (Image Data)



Immunofluorescence analysis of LOVO cells, using HRH2 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western Blot analysis of 3T3 cells using Histamine H2 Receptor Polyclonal Antibody

注意事项 (Note)

For research use only .