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anti-HRH2 antibody (N-Term)

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Publications



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Quantity:	100 μL	
Target:	HRH2	
Binding Specificity:	N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This HRH2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunocytochemistry (ICC)	

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Histamine H2 Receptor. The exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Human, Rat	
Characteristics:	Rabbit Polyclonal antibody to Histamine H2 Receptor (histamine receptor H2) Histamine H2 Receptor antibody [N1], N-term	
Purification:	Purified by antigen-affinity chromatography.	

Target Details

Alternative Name:	ne: histamine receptor H2 (HRH2 Products)		
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.		
	Cellular Localization: Cell membrane, Multi-pass membrane protein		
Molecular Weight:	40 kDa		
Gene ID:	3274		
UniProt:	P25021		
Application Details			
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations		
	should be determined by the researcher. Not tested in other applications.		
Comment:	Positive Control: NT2D1 , PC-3 , U87-MG , SK-N-SH		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.75 mg/mL		
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal		
Preservative:	Thimerosal (Merthiolate)		
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE		
	which should be handled by trained staff only.		
	which should be harried by trained staff offiny.		
Storage:	4 °C,-20 °C		

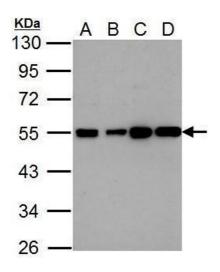
(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

Product cited in:

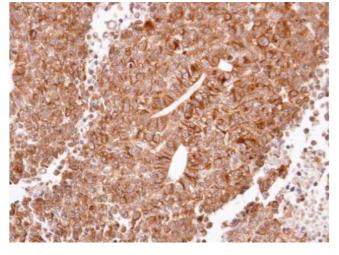
Salzman, Nakamura, Nallur, Dookwah, Metheetrairut, Slack, Weidhaas: "miR-34 activity is modulated through 5'-end phosphorylation in response to DNA damage." in: **Nature communications**, Vol. 7, pp. 10954, (2016) (PubMed).

Images



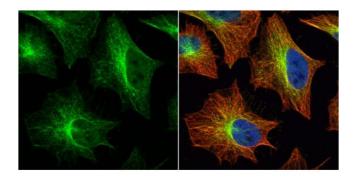
Western Blotting

Image 1. WB Image Histamine H2 Receptor antibody [N1], N-term detects HRH2 protein by Western blot analysis. A. 30 μg U87-MG whole cell lysate/extract B. 30 μg SK-N-SH whole cell lysate/extract 10 % SDS-PAGE Histamine H2 Receptor antibody [N1], N-term , dilution: 1:1000



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded H520 xenograft, using Histamine H2 Receptor, antibody at 1:100 dilution.



Immunofluorescence

Image 3. ICC/IF Image Histamine H2 Receptor antibody [N1], N-term detects Histamine H2 Receptor protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Histamine H2 Receptor protein stained by Histamine H2 Receptor antibody [N1], N-term, diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114], diluted at 1:1000. Blue: Hoechst 33342 staining.