

Rabbit anti-Human Histamine H4 Receptor Polyclonal Antibody | anti-HRH4 antibody

Histamine H4 Receptor Antibody

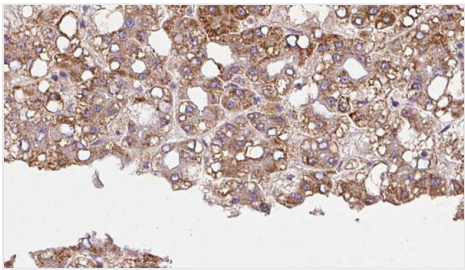
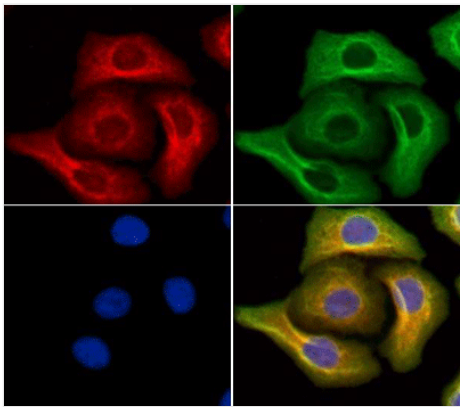
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322536	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Histamine H4 Receptor; Polyclonal Antibody; Histamine H4 Receptor Antibody; AXOR35; BG26; G protein coupled receptor 105; G-protein coupled receptor 105; GPCR105; GPRv53; H4; H4R; HH4R; Histamine H4 receptor; Histamine receptor H4; Hrh4; HRH4_HUMAN; Pfi-013; SP9144; anti-HRH4 antibody

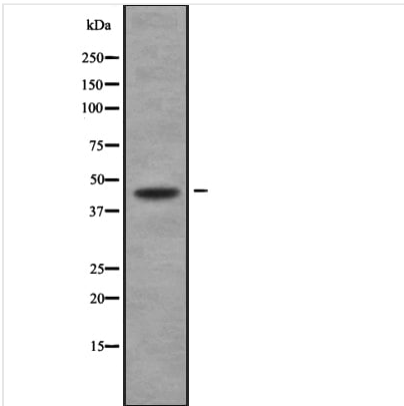
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Histamine H4 Receptor antibody detects endogenous levels of total Histamine H4 Receptor
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	302
Applicable Applications for anti-HRH4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Histamine H4 Receptor, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.



IHC (Immunohistochemistry)
AAA322536 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

IF (Immunofluorescence)
AAA322536 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA322536) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)
Western blot analysis of Histamine H4 Receptor using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-HRH4 antibody	Function: The H4 subclass of histamine receptors could mediate the histamine signals in peripheral tissues. Displays a significant level of constitutive activity (spontaneous activity in the absence of agonist). Similarity: Belongs to the G-protein coupled receptor 1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219842331
NCBI GeneID	59340
NCBI Accession #	NP_001137300.1
NCBI GenBank Nucleotide #	NM_001143828.1
UniProt Accession #	Q9H3N8; Q4G0I6; Q9GZQ0; B0YJ19; B2KJ48
Molecular Weight	45 kDa
NCBI Official Full Name	histamine H4 receptor isoform 2
NCBI Official Synonym Full Names	histamine receptor H4

NCBI Official Symbol	HRH4
NCBI Official Synonym Symbols	H4; H4R; BG26; HH4R; AXOR35; GPRv53; GPCR105
NCBI Protein Information	histamine H4 receptor
UniProt Protein Name	Histamine H4 receptor
UniProt Gene Name	HRH4
UniProt Synonym Gene Names	GPCR105; H4R; HH4R

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/histamine-h4-receptor-antibody-immunohistochemistry-western-blot-elisa/322536>