

Datasheet for ABIN5675027

anti-HRH3 antibody (AA 281-380) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	HRH3
Binding Specificity:	AA 281-380
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HRH3 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HRH3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow, Sheep, Horse
Purification:	Purified by Protein A.

Target Details

Target:	HRH3
Alternative Name:	HRH3 (HRH3 Products)

Target Details

Background:	<p>Synonyms: Histamine H3 receptor, HRH3, H3R, HH3R, G-protein coupled receptor 97, GPCR97</p> <p>Background: The H3 subclass of histamine receptors could mediate the histamine signals in CNS and peripheral nervous system. Signals through the inhibition of adenylate cyclase and displays high constitutive activity (spontaneous activity in the absence of agonist). Agonist stimulation of isoform 3 neither modified adenylate cyclase activity nor induced intracellular calcium mobilization. Does not bind to cimetidine and triprolidine. Shows modest affinity for thioperamide, imetit, N-alpha-methylhistamine and R-alpha-methylhistamine. Isoform 4 is unable to bind to iodoproxyfan while isoforms 1 and 3 bind it with high affinity.</p>
Gene ID:	11255
UniProt:	Q9Y5N1
Pathways:	cAMP Metabolic Process , Feeding Behaviour

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months