



[Go to Product page](#)

Datasheet for ABIN701890

anti-HRH3 antibody (AA 121-220)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	HRH3
Binding Specificity:	AA 121-220
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HRH3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HRH3/GPCR97
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	HRH3
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Target Details

Alternative Name:	HRH3/GPCR97 (HRH3 Products)
Background:	Synonyms: HH3R, GPCR97, Histamine H3 receptor, H3R, G-protein coupled receptor 97, HRH3 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.
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 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

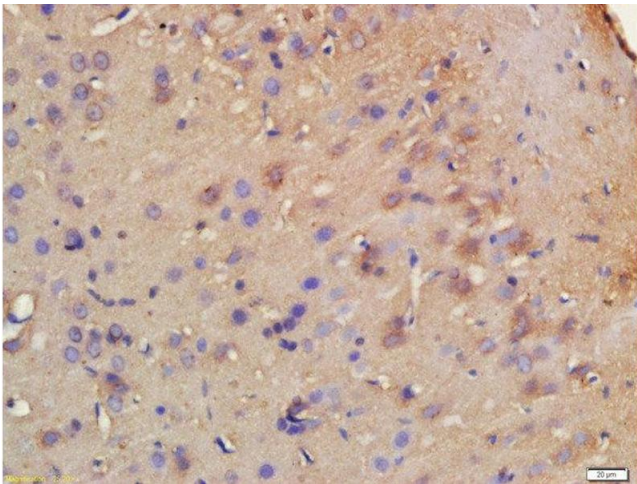
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in: Møller, Kirkeby, Vikeså, Nielsen, Caye-Thomassen: "Expression of histamine receptors in the human endolymphatic sac: the molecular rationale for betahistidine use in Menieres disease." in: **European archives of oto-rhino-laryngology : official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS) : affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery**, (2015) ([PubMed](#)).

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Rabbit Anti-HRH3/GPCR97 Polyclonal Antibody, Unconjugated 1:200 followed by conjugation to the secondary antibody and DAB staining