

Datasheet for ABIN2854644
anti-HRH3 antibody (C-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	HRH3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HRH3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Histamine H3 Receptor. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to Histamine H3 Receptor (histamine receptor H3) Histamine H3 Receptor antibody
Purification:	Affinity purified by Protein A.

Target Details

Target:	HRH3
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Target Details

Alternative Name:	histamine receptor H3 (HRH3 Products)
Background:	<p>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. This gene encodes one of the histamine receptors (H3) which belongs to the family 1 of G protein-coupled receptors. It is an integral membrane protein and can regulate neurotransmitter release. This receptor can also increase voltage-dependent calcium current in smooth muscles and innervates the blood vessels and the heart in cardiovascular system.</p> <p>Cellular Localization: Cell membrane, Multi-pass membrane protein</p>
Molecular Weight:	49 kDa
Gene ID:	11255
UniProt:	Q9Y5N1
Pathways:	cAMP Metabolic Process , Feeding Behaviour

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A431 , H1299
Restrictions:	For Research Use only

Handling

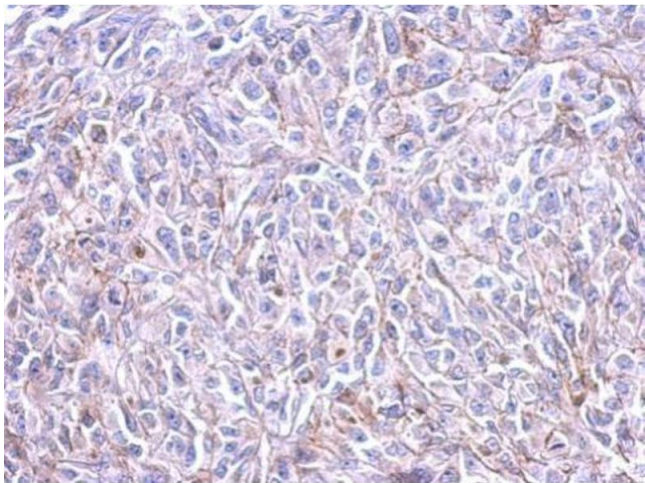
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (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

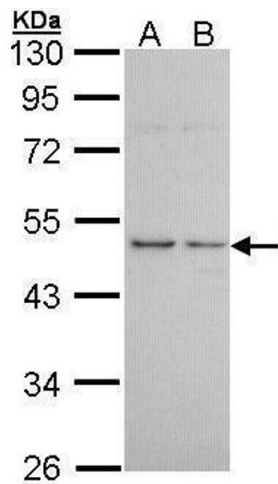
Product cited in: Galmozzi, Kok, Kim, Montenegro-Burke, Lee, Spreafico, Mosure, Albert, Cintron-Colon, Godio, Webb, Conti, Solt, Kojetin, Parker, Peluso, Pru, Siuzdak, Cravatt, Saez: "PGRMC2 is an intracellular haem chaperone critical for adipocyte function." in: **Nature**, Vol. 576, Issue 7785, pp. 138-142, (2020) ([PubMed](#)).

Validation report #104404 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded HeLa xenograft, using Histamine H3 Receptor, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: A431 , B: H1299 10% SDS PAGE antibody diluted at 1:1000