

Datasheet for ABIN2854739
anti-HRH4 antibody (N-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	HRH4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HRH4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Histamine H4 Receptor. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to Histamine H4 Receptor (histamine receptor H4) Histamine H4 Receptor antibody [N1N2], N-term
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	HRH4
Alternative Name:	histamine receptor H4 (HRH4 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. Histamine receptor H4 belongs to the family 1 of G protein-coupled receptors and has the highest homology to histamine receptor H3 among known G protein-coupled receptors.</p> <p>Cellular Localization: Cell membrane, Multi-pass membrane protein</p>
Molecular Weight:	44 kDa
Gene ID:	59340
UniProt:	Q9H3N8

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Jurkat , Raji , NCI-H929 , human shHRH4-transfected HeLa cells Validation: KO/KD
Restrictions:	For Research Use only

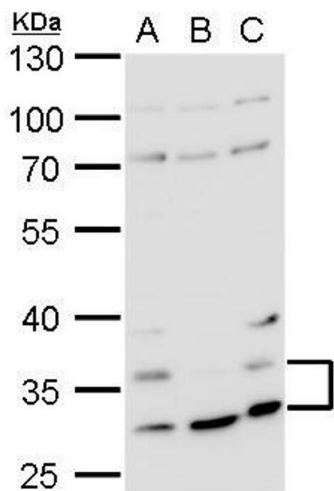
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 50 % 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

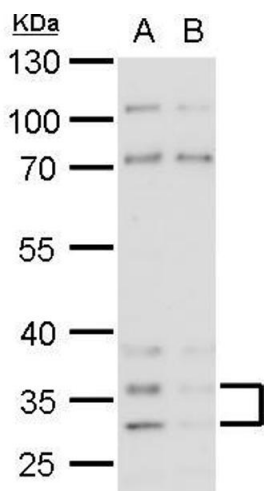
Product cited in: Ochiai, Hayashi, Umeda, Yoshimura, Harada, Shimizu, Nakano, Saitoh, Liu, Yamamoto, Okamura, Ohkawa, Kimura, Nikaido: "Genome-wide kinetic properties of transcriptional bursting in mouse embryonic stem cells." in: **Science advances**, Vol. 6, Issue 25, pp. eaaz6699, (2020) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Image Histamine H4 Receptor antibody detects Histamine H4 Receptor protein by western blot analysis. A. 30 µg Jurkat whole cell lysate/extract B. 30 µg Raji whole cell lysate/extract C. 30 µg NCI-H929 whole cell lysate/extract 10 % SDS-PAGE Histamine H4 Receptor antibody , dilution: 1:500



Western Blotting

Image 2. WB Image Histamine H4 Receptor antibody detects Histamine H4 Receptor protein by western blot analysis. A. 30 µg HeLa whole cell lysate/extract B. 30 µg whole cell lysate/extract of HRH4 shRNA-transfected HeLa cells 10 % SDS-PAGE Histamine H4 Receptor antibody , dilution: 1:500