

Datasheet for ABIN768565
anti-HRH2 antibody (AA 309-323)

2 Images

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Overview

Quantity:	100 µg
Target:	HRH2
Binding Specificity:	AA 309-323
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HRH2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Histamine Receptor H2 (aa309-323) (mouse)
Immunogen:	Peptide with sequence C-SHNSHKTSRLNNS, from the internal region of the protein sequence according to NP_001124527.1, NP_071640.1.
Sequence:	SHNSHKTSRLNNS
Isotype:	IgG
Specificity:	This antibody is expected to recognize Mouse NP_001399939.1 iso 3, NP_001010973.1 iso 1 and Rat NP_001010973.1.
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

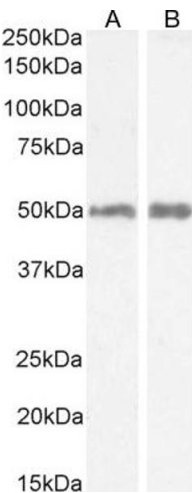
Target:	HRH2
Alternative Name:	HRH2 (HRH2 Products)
Background:	HRH2, histamine receptor H2, H2R, HH2R, gastric receptor 1, gastric receptor I, histamine H2 receptor
Molecular Weight:	44.5kDa according to NP_001124527.1
Gene ID:	15466, 25461
NCBI Accession:	NP_001124527 , NP_071640

Application Details

Application Notes:	Western Blot: Approx. 50 kDa band observed in Mouse Stomach and Rat Small Intestine lysates (calculated MW of 47.3 kDa according to Mouse NP_001399939.1 and 45.2 kDa according to Rat NP_001399940.1). Recommended concentration: 0.5-2 µg/mL. Primary incubation Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

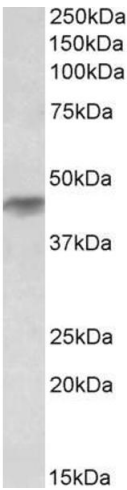
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. (ABIN768565) (0.5 µg/mL) staining of Mouse Stomach lysate (A) and (2 µg/mL) Rat Small Intestine lysate (B) (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Western Blotting

Image 2. ABIN768565 (0.1 µg/ml) staining of Duodenum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.