

Datasheet for ABIN7155241  
**anti-HRH4 antibody (AA 204-292)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	HRH4
Binding Specificity:	AA 204-292
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HRH4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Histamine H4 receptor protein (204-292AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

## Target Details

Target:	HRH4
Alternative Name:	HRH4 ( <a href="#">HRH4 Products</a> )
Background:	Background: The H4 subclass of histamine receptors could mediate the histamine signals in peripheral tissues. Displays a significant level of constitutive activity (spontaneous activity in

## Target Details

the absence of agonist).

Aliases: AXOR35 antibody, BG26 antibody, G protein coupled receptor 105 antibody, G-protein coupled receptor 105 antibody, GPCR105 antibody, GPRv53 antibody, H4 antibody, H4R antibody, HH4R antibody, Histamine H4 receptor antibody, Histamine receptor H4 antibody, Hrh4 antibody, HRH4\_HUMAN antibody, Pfi-013 antibody, SP9144 antibody

UniProt: [Q9H3N8](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

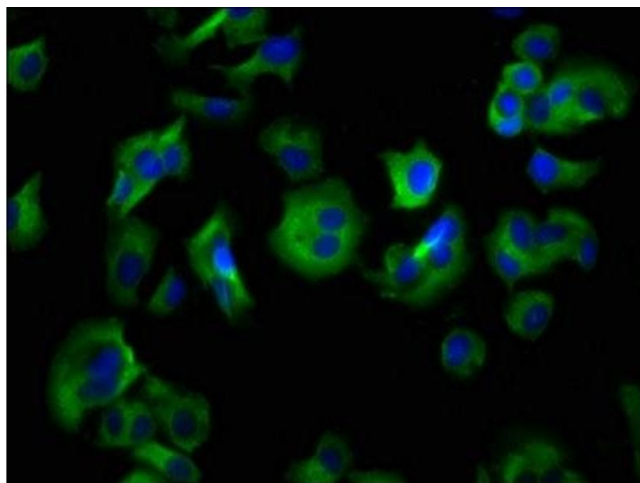
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

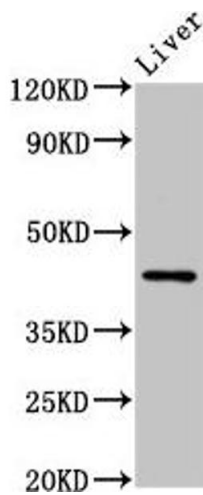
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



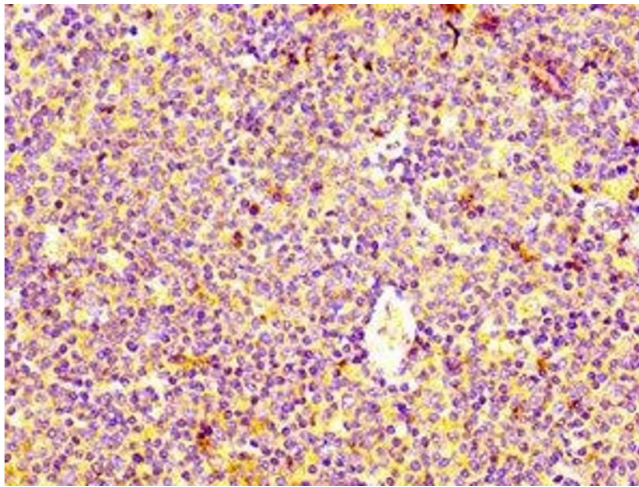
### Immunofluorescence

**Image 1.** Immunofluorescence staining of MCF-7 cells with ABIN7155241 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Mouse liver tissue All lanes: HRH4 antibody at 4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 45, 35 kDa Observed band size: 45 kDa



#### Immunohistochemistry

**Image 3.** IHC image of ABIN7155241 diluted at 1:400 and staining in paraffin-embedded human lymph node tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.