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Datasheet for ABIN7156745
anti-IL1R1 antibody (AA 18-320)

3 Images

Overview

Quantity:	100 µg
Target:	IL1R1
Binding Specificity:	AA 18-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL1R1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Interleukin-1 receptor type 1 protein (18-320AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IL1R1
Alternative Name:	IL1R1 (IL1R1 Products)
Background:	Background: Receptor for IL1A, IL1B and IL1RN. After binding to interleukin-1 associates with the coreceptor IL1RAP to form the high affinity interleukin-1 receptor complex which mediates

Target Details

interleukin-1-dependent activation of NF-kappa-B, MAPK and other pathways. Signaling involves the recruitment of adapter molecules such as TOLLIP, MYD88, and IRAK1 or IRAK2 via the respective TIR domains of the receptor/coreceptor subunits. Binds ligands with comparable affinity and binding of antagonist IL1RN prevents association with IL1RAP to form a signaling complex.

Aliases: Antigen CD121a antibody, CD121 antigen-like family member A antibody, CD121a antibody, CD121a antigen antibody, D2S1473 antibody, IL 1 antibody, IL 1R 1 antibody, IL 1R alpha antibody, IL 1RT1 antibody, IL-1R-1 antibody, IL-1R-alpha antibody, IL-1RT-1 antibody, IL-1RT1 antibody, IL1 inhibitor antibody, IL1 Receptor I antibody, IL1R antibody, IL1R1 antibody, IL1R1_HUMAN antibody, IL1RA antibody, IL1RN antibody, IL1RT1 antibody, Interleukin 1 receptor alpha type 1 antibody, Interleukin 1 receptor antagonist protein (IRAP) antibody, Interleukin 1 receptor type I antibody, Interleukin receptor 1 antibody, Interleukin-1 receptor alpha antibody, Interleukin-1 receptor type 1 antibody, Interleukin-1 receptor type I antibody, p80 antibody

UniProt: [P14778](#)

Pathways: [NF-kappaB Signaling](#), [Carbohydrate Homeostasis](#), [Cancer Immune Checkpoints](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

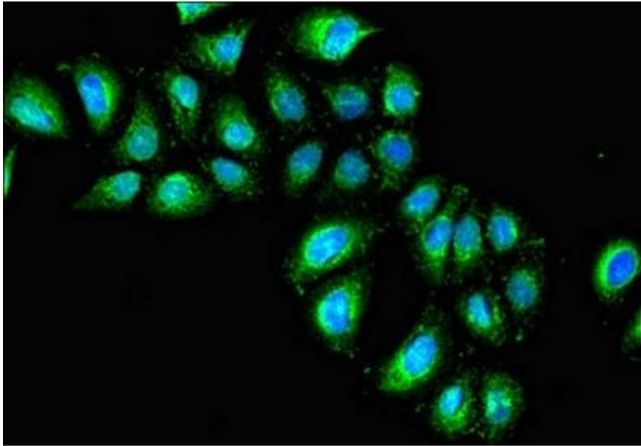
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

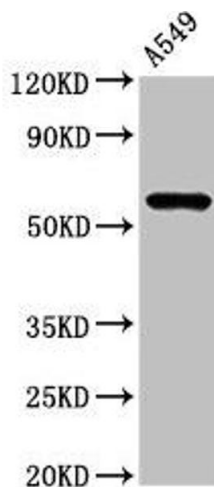
Storage: -20 °C,-80 °C

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



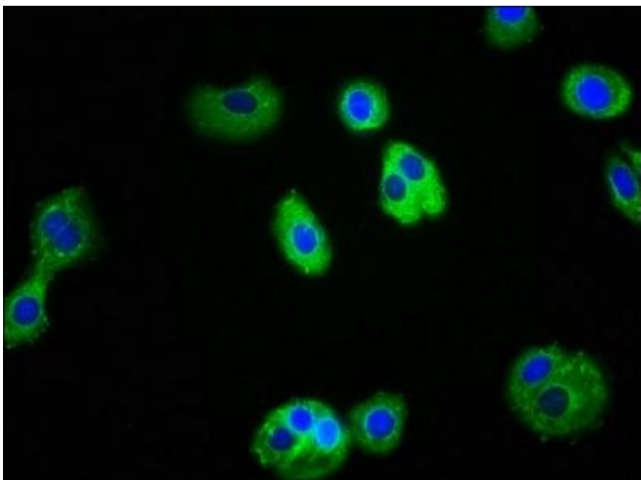
Immunofluorescence

Image 1. Immunofluorescent analysis of A549 cells using ABIN7156745 at dilution of 1: 100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate All lanes: IL1R1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 66 kDa Observed band size: 66 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of HepG2 cells with ABIN7156745 at 1:100, 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).