

Datasheet for ABIN747743
anti-IL1R1 antibody (AA 481-569)

5 Images

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Overview

Quantity:	100 µL
Target:	IL1R1
Binding Specificity:	AA 481-569
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL1R1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IL-1R1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	IL1R1
Alternative Name:	IL-1R1 (IL1R1 Products)
Background:	Synonyms: P80, IL1R, IL1RA, CD121A, D2S1473, IL-1R-alpha, Interleukin-1 receptor type 1, IL-

Target Details

1R-1, IL-1RT-1, IL-1RT1, CD121 antigen-like family member A, Interleukin-1 receptor alpha, Interleukin-1 receptor type I, IL1R1, IL1RT1

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 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.

Gene ID: 3554

UniProt: [P14778](#)

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

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
FCM 1:20-100
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

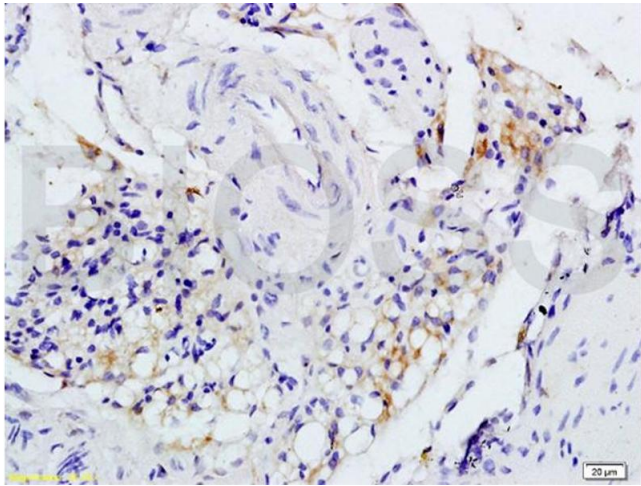
Preservative: ProClin

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

Storage: 4 °C,-20 °C

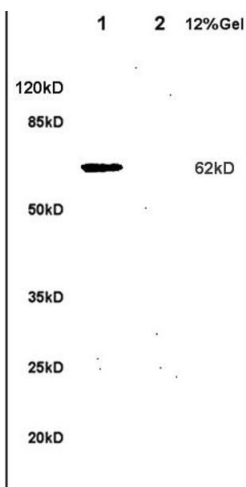
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



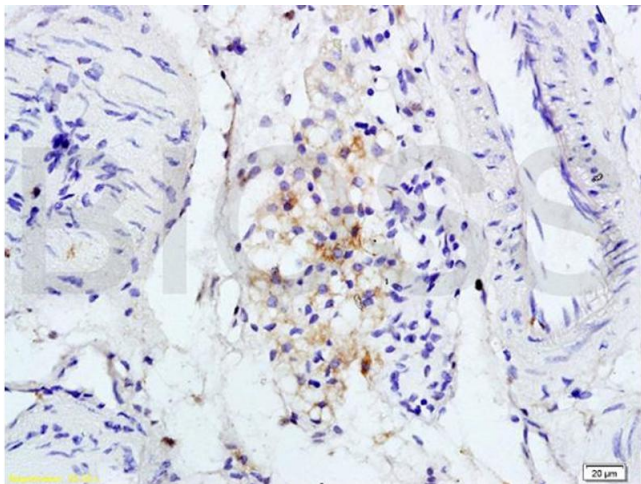
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat colitis tissue labeled with Anti-IL-1R1 CD121a IL1 Receptor I Polyclonal Antibody, unconjugated (ABIN747743) at 1:200 followed by incubation with conjugated secondary antibody and DAB staining



SDS-PAGE

Image 2. Formalin-fixed and paraffin embedded rat colitis labeled with Anti-IL-1R1/CD121a/IL1 Receptor I Polyclonal Antibody, Unconjugated (ABIN747743) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry

Image 3. L1 rat brain lysates L2 rat kidney lysates probed with Anti IL-1R1/CD121a/IL1 Receptor I Polyclonal Antibody, Unconjugated (ABIN747743) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 62kD. Observed band size:62kD.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN747743.