

Datasheet for ABIN2789664  
**anti-IL1R1 antibody (C-Term)**



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1 Image

## Overview

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Quantity:            | 100 µL                                            |
| Target:              | IL1R1                                             |
| Binding Specificity: | C-Term                                            |
| Reactivity:          | Human, Mouse, Rat, Dog, Horse, Guinea Pig, Rabbit |
| Host:                | Rabbit                                            |
| Clonality:           | Polyclonal                                        |
| Conjugate:           | This IL1R1 antibody is un-conjugated              |
| Application:         | Western Blotting (WB)                             |

## Product Details

|                       |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------|
| Sequence:             | LELEKIQDYE KMPESIKFIK QKHGAIRWSG DFTQGPQSAK TRFWKNVRYH                                    |
| Predicted Reactivity: | Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 92%, Rat: 100% |
| Characteristics:      | This is a rabbit polyclonal antibody against IL1R1. It was validated on Western Blot.     |
| Purification:         | Affinity Purified                                                                         |

## Target Details

|                   |                                                                                                                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | IL1R1                                                                                                                                                                                            |
| Alternative Name: | IL1R1 ( <a href="#">IL1R1 Products</a> )                                                                                                                                                         |
| Background:       | The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This protein is a receptor for interleukin alpha (IL1A), interleukin beta (IL1B), and |

## Target Details

interleukin 1 receptor, type I(IL1R1/IL1RA). It is an important mediator involved in many cytokine induced immune and inflammatory responses. This gene along with interleukin 1 receptor, type II (IL1R2), interleukin 1 receptor-like 2 (IL1RL2), and interleukin 1 receptor-like 1 (IL1RL1) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12.

Alias Symbols: CD121A, D2S1473, IL-1R-alpha, IL1R, IL1RA, P80

Protein Interaction Partner: TRAF6, IRAK1, IL1RAP, MYD88, HERPUD1, TICAM2, PELI1, IRAK2, MARCH8, IRAK4, TOLLIP, TOM1, UBC, IL1F10, SIGIRR, PIK3R1, IL1A, IL1B, IL1RN,

Protein Size: 569

|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight: | 63 kDa                                                                                                                     |
| Gene ID:          | 3554                                                                                                                       |
| NCBI Accession:   | <a href="#">NM_000877</a> , <a href="#">NP_000868</a>                                                                      |
| UniProt:          | <a href="#">P14778</a>                                                                                                     |
| Pathways:         | <a href="#">NF-kappaB Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Cancer Immune Checkpoints</a> |

## Application Details

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 569 AA                                                               |
| Restrictions:      | For Research Use only                                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                    |
| 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:   | Avoid repeated freeze-thaw cycles.                                                                                     |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small                        |

Handling

aliquots to prevent freeze-thaw cycles.

Images

