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Datasheet for ABIN499984

## anti-FBXO43 antibody (C-Term)

### 2 Images

#### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 0.1 mg   |
| Target:              | FBXO43   |
| Binding Specificity: | C-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This FBXO43 antibody is un-conjugated                                    |
| Application:         | Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA) |

#### Product Details

|               |  |
|---------------|--|
| Immunogen:    | Human IL-1RAcP (C-Terminus) Peptide  |
| Isotype:      | IgG  |
| Specificity:  | IL-1RAcP antibody was raised against a peptide corresponding to amino acids near the carboxy terminus of IL-1RAcP, which differs from the sequence of mouse origin by three amino acids. It has no cross activity to other member in the IL-1 receptor family. |
| Purification: | Affinity chromatography purified via peptide column  |

#### Target Details

|                   |  |
|-------------------|--|
| Target:           | FBXO43                                     |
| Alternative Name: | FBXO43 ( <a href="#">FBXO43 Products</a> ) |

## Target Details

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**Background:** The pro-inflammatory cytokine IL-1 induced cellular response requires two subunits of its receptor, IL-1 receptor I(IL-1RI) and IL-1 receptor accessory protein (IL-1RAcP) (1).IL-1 RAcP forms a complex with IL-1RI in response to IL-1 treatment. The IL-1 receptor-associated kinase (IRAK), which mediates activation of NF-kappaB inducing kinase (NIK) and of NF-kappaB, recruits to the IL-1R complex through IL-1 RAcP(2). IL-1 activation of stress-activated protein kinase and of acid sphingomyelinase also requires IL-1RAcP(3,4). Like IL-1RI, IL-1RAcP subunit is essential for IL-1 mediated cellular response. IL-1RAcP is expressed in many tissues.Synonyms: EMI2, Endogenous meiotic inhibitor 2, F-box only protein 43, FBP5B

**Gene ID:** 100101275

**UniProt:** [Q8AXF4](#)

## Application Details

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**Application Notes:** ELISA. Western Blot: 1/500 to 1/1000. An approximately 66 kDa band can be detected.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

**Restrictions:** For Research Use only

## Handling

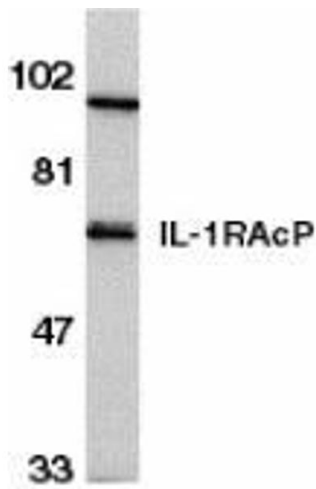
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**Buffer:** PBS containing 0.02 % sodium azide.

**Preservative:** Sodium azide

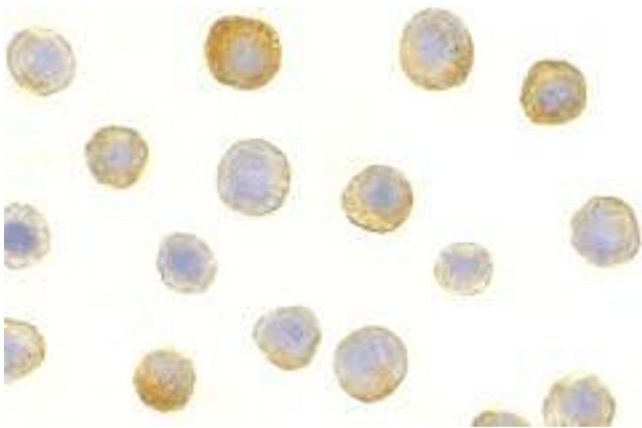
**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C



### Western Blotting

**Image 1.** Western blot analysis of IL-1RAcP in HeLa whole cell lysate with AP30412PU-N IL-1RAcP antibody at 1/500 dilution.



### Immunofluorescence

**Image 2.** Immunocytochemistry of IL-1RAcP in HeLa cells with AP30412PU-N IL-1RAcP antibody at 5 µg/ml.