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## Datasheet for ABIN499982 anti-FBXO43 antibody (C-Term)

Image



#### Overview

| Quantity:            | 0.1 mg  |
|----------------------|---|
| Target:              | FBX043  |
| Binding Specificity: | C-Term  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This FBX043 antibody is un-conjugated           |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

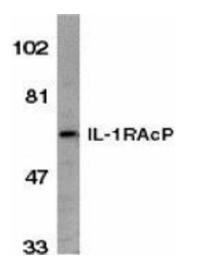
### Product Details

| Immunogen:        | Human IL-1RAcP (C-Terminus 2) Peptide  |
|-------------------|--|
| Isotype:          | lgG  |
| Specificity:      | IL-1RAcP antibody was raised against a peptide corresponding to amino acids 525 to 540 of human IL-1RAcP, which is identical to those of mouse and rat origins. This polyclonal antibody has no cross activity to other members in the IL-1 receptor family. |
| Purification:     | Affinity chromatography purified via peptide column  |
| Target Details    |  |
| Target:           | FBX043   |
| Alternative Name: | FBX043 (FBX043 Products)   |

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## Target Details

| 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-1RAcP |
|                     | forms a complex with IL-1RI in response to IL-1 treatment. The IL-1 receptor-associated kinase  |
|                     | (IRAK), which mediates activation of NFkappa-B inducing kinae (NIK) and of NF-kappaB,           |
|                     | recruits to the IL-1R complex through IL-1RAcP (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 |   |
| Application Notes:  | ELISA. Western Blot: 1/1000 to 1/2000 dilution. 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            |   |
| 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 AP30411PU-N IL-1RAcP antibody (C2) at 1/1000 dilution.

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