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Datasheet for ABIN674388  
**anti-PPP1R13B antibody (AA 901-1090) (HRP)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | PPP1R13B   |
| Binding Specificity: | AA 901-1090  |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This PPP1R13B antibody is conjugated to HRP  |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human ASPP1 |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Human   |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Horse,Chicken                           |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | PPP1R13B                                    |
| Alternative Name: | ASPP1 ( <a href="#">PPP1R13B Products</a> ) |

## Target Details

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**Background:** Synonyms: p53BP2 like, p85, PPP1R13B, apoptosis stimulating protein of P53 1, Apoptosis-stimulating of p53 protein 2, Tumor suppressor p53-binding protein 2, p53-binding protein 2, p53BP2, 53BP2, Bcl2-binding protein, Bbp, Renal carcinoma antigen NY-REN-51.

Background: iASPP (inhibitor of apoptosis stimulating protein of p53, RelA-associated inhibitor (RAI), NFKap B-interacting protein 1, protein phosphatase 1 regulatory subunit 13-like, PPP1R13L) is the third member of the ASPP family of proteins. Unlike ASPP1 and ASPP2, which interact with p53 and enhance its ability to induce apoptosis, iASPP inhibits apoptosis induced by p53 overexpression. iASPP has been identified in a yeast-two hybrid screen as an interacting protein of the p65 subunit of NFKap B (RelA),<sup>3</sup> interacts with NFKap B in vivo, and acts as an efficient inhibitor of HIV-1 gene expression in which both NFKap b and Sp1 play major roles. iASPP expression is upregulated in human breast carcinomas expressing wild-type p53, and gene overexpression may play an important role in the leukemogenesis and/or progression of acute leukemia. Alternate Names: apoptosis stimulating protein of P53 1, Apoptosis-stimulating of p53 protein 2, Tumor suppressor p53-binding protein 2, p53-binding protein 2, p53BP2, 53BP2, Bcl2-binding protein, Bbp, Renal carcinoma antigen NY-REN-51.

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**Gene ID:** 23368

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**UniProt:** [Q96KQ4](#)

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**Pathways:** [p53 Signaling](#)

## Application Details

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**Application Notes:** WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

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## Handling

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handled by trained staff only.

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Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months