

Datasheet for ABIN674379  
**anti-PPP1R13B antibody (AA 901-1090)**[Go to Product page](#)

## 1 Publication

## Overview

Quantity:	100 µL
Target:	PPP1R13B
Binding Specificity:	AA 901-1090
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1R13B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), 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
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## Target Details

Alternative Name: ASPP1 ([PPP1R13B Products](#))

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), NFκB-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 NFκB (RelA),<sup>3</sup> interacts with NFκB in vivo, and acts as an efficient inhibitor of HIV-1 gene expression in which both NFκB 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.

Gene ID: 23368

UniProt: [Q96KQ4](#)

Pathways: [p53 Signaling](#)

## Application Details

Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

## Handling

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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

## Publications

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Product cited in:	Xie, Yang, Chi, Yang, Wang, Xu: "Prognostic values of apoptosis-stimulating P53-binding protein 1 and 2 and their relationships with clinical characteristics of esophageal squamous cell carcinoma patients: a retrospective study." in: <b>Chinese journal of cancer</b> , Vol. 36, Issue 1, pp. 15 , (2017) ( <a href="#">PubMed</a> ).
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