

Datasheet for ABIN401339

**anti-PPP1R13L antibody (Isoform 1)****2** Images[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	PPP1R13L
Binding Specificity:	AA 780-797, Isoform 1
Reactivity:	Human, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1R13L antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	Synthetic peptide corresponding to amino acids 780-797 of Human iASPP (isoform 1) protein
Isotype:	IgG
Specificity:	This antibody is directed against the iASPP protein. Expect bands approximately 100 kDa and 50 kDa in size corresponding to Isoforms 1 and 2 respectively of iASPP protein by Western blotting in the appropriate cell lysate or extract. Partial reactivity may occur against iASPP from Bovine.
Cross-Reactivity (Details):	Species reactivity (expected): Mouse, Rat, Canine. Species reactivity (tested): Human.
Purification:	Affinity Chromatography.

## Target Details

Target:	PPP1R13L
Alternative Name:	PPP1R13L ( <a href="#">PPP1R13L Products</a> )
Background:	<p>ASPP proteins (ASPP1, ASPP2 and iASPP) represent a new family of p53 binding proteins. ASPP1 and ASPP2 bind and enhance p53-mediated apoptosis. In contrast, the third member, iASPP, functionally inactivates p53. iASPP (also called protein phosphatase 1 regulatory (inhibitor) subunit 13 like protein, Inhibitor of ASPP protein, Protein iASPP, PPP1R13B-like protein and NFkappaB-interacting protein 1) plays a central role in regulation of apoptosis and transcription via its interaction with NF-kappa-B and p53/TP53 proteins. iASPP blocks transcription of HIV-1 virus by inhibiting the action of both NF-kappa-B and SP1. This protein also inhibits p53/TP53 function, possibly by preventing the association between p53/TP53 and ASPP1 or ASPP2, and therefore suppressing the subsequent activation of apoptosis. iASPP is predominantly a cytoplasmic protein (isoform 1) but can also be found in the nucleus (isoform 2). iASPP is highly expressed in heart, placenta and prostate and is weakly expressed in brain, liver, skeletal muscle, testis and peripheral blood leukocyte. The N-terminal region of isoform 1 is required for cytoplasmic localization. Defects in iASPP may be a cause of certain breast cancers and the protein is overexpressed in many patients suffering from breast carcinomas and expressing a wild-type p53/TP53 protein. Synonyms: iASPP, Inhibitor of ASPP protein, NFkB-interacting protein 1, NKIP1, PPP1R13B-like protein, PPP1R13BL, RAI, RelA-associated inhibitor</p>
Gene ID:	10848
NCBI Accession:	<a href="#">NP_001135974</a>
UniProt:	<a href="#">Q8WUF5</a>

## Application Details

Application Notes:	Suitable for use in ELISA, Immunohistochemistry and Western blot. Recommended Dilutions: ELISA: 1/40,000-1/160,000. Western Blot: 1/1,000-1/5,000. Immunohistochemistry: 1/1,000-1/5,000.
Restrictions:	For Research Use only

## Handling

Concentration:	1.19 mg/mL (by UV absorbance at 280 nm)
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01 % (w/v) Sodium

Handling

	Azide as preservative.
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 cycles of freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Dilute only prior to immediate use.

Images

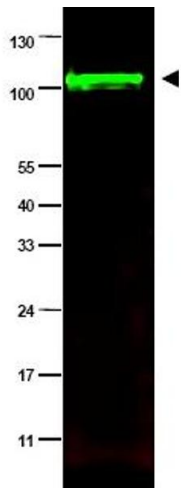


Image 1.

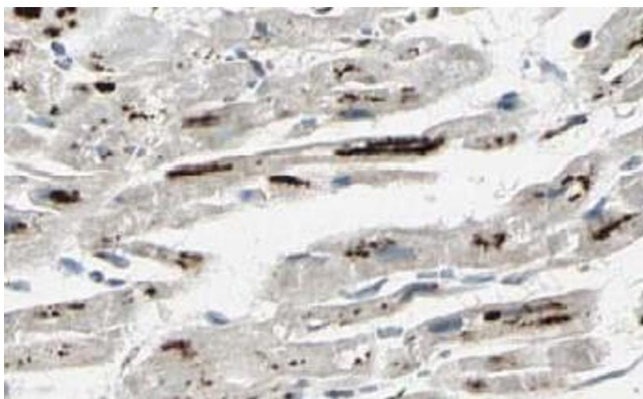


Image 2.