

## NIPP1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP06034
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PPP1R8. AA range:196-245
<b>Mol wt</b>	38479
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	NIPP1 Antibody
<b>Synonyms</b>	PPP1R8; ARD1; NIPP1; Nuclear inhibitor of protein phosphatase 1; NIPP-1; Protein phosphatase 1 regulatory inhibitor subunit 8

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

PPP1R8 (protein phosphatase 1 regulatory subunit 8), through alternative splicing, encodes three different isoforms. Two of the protein isoforms encoded by PPP1R8 are specific inhibitors of type 1 serine/threonine protein phosphatases and can bind but not cleave RNA. The third protein isoform lacks the phosphatase inhibitory function but is a single-strand endoribonuclease comparable to RNase E of *E. coli*. This isoform requires magnesium for its function and cleaves specific sites in A+U-rich regions of RNA.

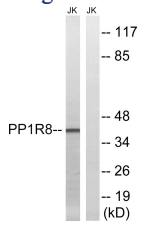
### Recommended Dilution

WB: 1: 500 - 1: 2000

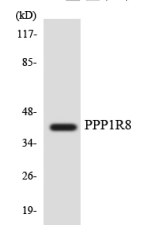
ELISA: 1: 20000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from Jurkat cells, using PPP1R8 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using PPP1R8 antibody.

## Storage

-20°C for one year

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