

## Product datasheet for AP09367PU-N

## **PIN1 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** ELISA, WB

Recommended Dilution: ELISA: 1/2,500 - 1/10,000.

Western Blot: 1/500 - 1/3,000.

Reactivity: Bovine, Canine, Human, Monkey, Mouse, Rat

Host: Rabbit **IgG** Isotype:

Clonality: Polyclonal

Immunogen: Synthetic peptide corresponding to an internal sequence of human Pin1

Specificity: This antibody is directed against Pin1.

Formulation: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium

Azide

State: Aff - Purified

State: Liquid

Concentration: lot specific

Conjugation: Unconjugated

Storage: Store the antibody at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch. Stability:

Gene Name: peptidylprolyl cis/trans isomerase, NIMA-interacting 1

Database Link: Entrez Gene 5300 Human

Q13526

Background: Pin1 (peptidylprolyl cis/trans isomerase NIMA-interacting 1 protein) is an essential

> peptidylprolyl isomerase that regulates mitosis, presumably by interacting with NIMA and attenuating its mitosispromoting activity. Pin1 displays a preference for an acidic residue N-

terminal to the isomerized proline bond and also catalyzes pSer/Thr-Pro cis/trans

isomerizations. Pin1 shows a nuclear localization.

PIN-1 Synonyms:



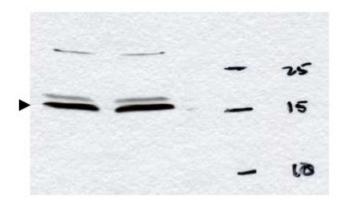
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## **Product images:**



Western blot using affinity purified anti-Pin1 antibody to detect endogenous Pin1 in HeLa whole cell lysates. The sample was run in duplicate. A band representing Pin1 is indicated by the arrowhead. Cell lysates were electrophoresed using a straight 15% polyacrylamide gel, followed by transfer to nitrocellulose. The membrane was probed with the primary antibody at a 1:700 dilution. A 1:5,000 dilution of HRP Gt-a-Rabbit IgG was used with a 15 sec exposure time.