

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
Isotype:	IgG
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.
Stability:	Shelf life: one year from despatch.
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.
Synonyms:	PIN-1



[View online »](#)

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.