



## PIN1 Antibody

CATALOG NUMBER: 46-189



Western Blot (0.2ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Rat
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 17kDa band observed in Rat Brain lysates (calculated MW of 18.2kDa according to human NP_006212.1 and 18.2kDa according to mouse NP_075860). Recommended concentration: 0.2-0.6ug/ml.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1463 - Rat Brain Tissue Lysate
<b>IMMUNOGEN:</b>	PIN1 antibody was raised against an 18 amino acid synthetic peptide near the internal region of PIN1.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	PIN1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PIN1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	PIN1, protein (peptidylprolyl cis/trans isomerase) NIMA-interacting 1, DOD, UBL5, peptidyl-prolyl cis/trans isomerase, NIMA-interacting, prolyl isomerase, protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting 1
<b>ACCESSION NO.:</b>	NP_006212.1
<b>PROTEIN GI NO.:</b>	5453898
<b>OFFICIAL SYMBOL:</b>	PIN1

GENE ID: 5300

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### Background

**REFERENCES:** 1) Pastorino L, Sun A, Lu PJ, Zhou XZ, Balastik M, Finn G, Wulf G, Lim J, Li SH, Li X, Xia W, Nicholson LK, Lu KP. The prolyl isomerase Pin1 regulates amyloid precursor protein processing and amyloid-beta production. Nature. 2006 Mar 23;440(7083):528-34.

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