

## Goat anti-PIN1 Antibody

Item Number	dAP-0941
Target Molecule	Principle Name: PIN1; Official Symbol: PIN1; All Names and Symbols: 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; Accession Number (s): NP_006212.1; Human Gene ID(s): 5300; Non-Human GeneID(s): 23988 (mouse) 298696 (rat)
Immunogen	KHSQSRRPSSWRQEKITR, is from internal region
Applications	Pep ELISA, WB Species Tested: Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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: 0.2-0.6µg/ml.
IHC	
Reference	Reference(s): 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. <i>Nature</i> . 2006 Mar 23;440(7083):528-34. PMID: 16554819 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**