

Product datasheet for **TA302573**

PIN1 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:128,000. WB: 0.2-0.6µg/ml.
Reactivity:	Rat (Expected from sequence similarity: Human, Mouse, Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-KHSQSRPSSWRQEKITR, from the internal region of the protein sequence according to NP_006212.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	21866 Da
Gene Name:	peptidylprolyl cis/trans isomerase, NIMA-interacting 1
Database Link:	NP_006212 Entrez Gene 23988 Mouse Entrez Gene 298696 Rat Entrez Gene 484963 Dog Entrez Gene 5300 Human Q13526
Background:	The human PIN1 gene encodes an essential nuclear peptidylprolyl cis-trans isomerase (PPIase; EC 5.2.1.8) involved in regulation of mitosis. PIN1 belongs to a class of PPIases that includes the E. coli parvulin, yeast Ess1, and Drosophila dodo (dod) gene products (Lu et al., 1996 [PubMed 8606777]). [supplied by OMIM]



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Synonyms: DOD; UBL5

Protein Families: Druggable Genome

Protein Pathways: RIG-I-like receptor signaling pathway

Product images:



TA302573 (0.2ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.