

PIN1 polyclonal antibody

Catalog # PAB8980

Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PIN1.
Immunogen	A synthetic peptide corresponding to N-terminus amino acids 134-150 of human PIN1 and mouse Pin1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:10000) Western Blot (1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — PIN1

Entrez GeneID	5300
Gene Name	PIN1
Gene Alias	DOD, UBL5
Gene Description	peptidylprolyl cis/trans isomerase, NIMA-interacting 1
Omim ID	601052
Gene Ontology	Hyperlink
Gene Summary	The human PIN1 gene encodes an essential nuclear peptidylprolyl cis-trans isomerase (PPlase; EC 5.2.1.8) involved in regulation of mitosis. PIN1 belongs to a class of PPlases that includes the E. coli parvulin, yeast Ess1, and Drosophila dodo (dod) gene products (Lu et al., 1996 [PubMed 8 606777]).[supplied by OMIM]
Other Designations	peptidyl-prolyl cis/trans isomerase, NIMA-interacting prolyl isomerase protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting 1 protein (peptidylprolyl cis/trans isomerase) NIMA-interacting 1

Gene Info — Pin1

Entrez GeneID	23988
Gene Name	Pin1
Gene Alias	0610025L01Rik, D9Bwg1161e
Gene Description	protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting 1
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [Pin1 has opposite effects on wild-type and P301L tau stability and tauopathy.](#)

Lim J, Balastik M, Lee TH, Nakamura K, Liou YC, Sun A, Finn G, Pastorino L, Lee VM, Lu KP.

The Journal of Clinical Investigation 2008 May; 118(5):1877.

Application: IHC-P, WB, Human, Mouse, Mouse brain, coronal sections, SH-SY5Y cells

- [Pin1 promotes cell death in NGF-dependent neurons through a mechanism requiring c-Jun activity.](#)

Barone MC, Desouza LA, Freeman RS.

Journal of Neurochemistry 2008 Jul; 106(2):734.

Application: IF, WB-Tr, Human, Mouse, HEK 293 cells, Mouse sympathetic neurons

- [Pin1 interacts with c-Myb in a phosphorylation-dependent manner and regulates its transactivation activity.](#)

Pani E, Menigatti M, Schubert S, Hess D, Gerrits B, Klemnpauer KH, Ferrari S.

Biochimica et Biophysica Acta 2008 Jun; 1783(6):1121.

Disease

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