

anti-Human, Mouse Pin1 Antibody | anti-Pin1 antibody

Pin1 (Phospho-Ser16) Antibody

CATALOG # AAA112027	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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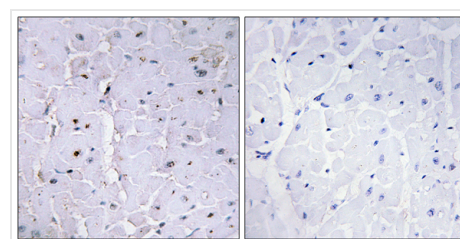
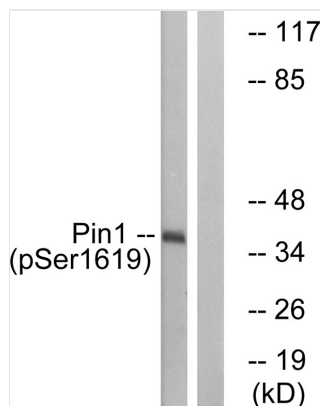
PRODUCT SYNONYMS

Pin1; Pin1 (Phospho-Ser16) Antibody; EC 5.2.1.8; Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1; PPlase Pin1; Rotamase Pin1; anti-Pin1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Pin1 (Phospho-Ser16) antibody detects endogenous levels of Pin1 only when phosphorylated at serine 16.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	163
Applicable Applications for anti-Pin1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Pin1 around the phosphorylation site of serine 16 (R-M-SP-R-S).
All Sites	Human: Ser16 Mouse: Ser16
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using Pin1 (Phospho-Ser16) antibody. Western blot analysis of extracts from COS-7 cells, treated with insulin (0.01U/ml, 15mins), using Pin1 (Phospho-Ser16) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Pin1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Lu K.P., Nature 380:544-547(1996). Ebert L., Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases. The MGC Project Team; Genome Res. 14:2121-2127(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453898
NCBI GeneID	5300
NCBI Accession #	NP_006212.1
NCBI GenBank Nucleotide #	NM_006221.3
UniProt Accession #	Q13526; Q53X75; A8K4V9
Molecular Weight	18,243 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
NCBI Official Synonym Full Names	peptidylprolyl cis/trans isomerase, NIMA-interacting 1
NCBI Official Symbol	PIN1
NCBI Official Synonym Symbols	DOD; UBL5
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
UniProt Gene Name	PIN1
UniProt Synonym Gene Names	PPlase Pin1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/pin1/112027>