

Rabbit PIN1 Polyclonal Antibody | anti-PIN1 antibody

PIN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA166113	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

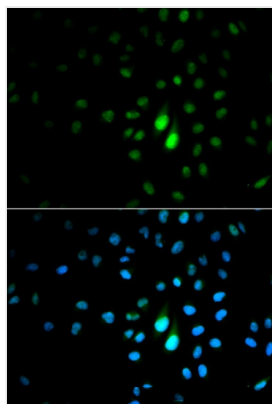
PRODUCT SYNONYMS

PIN1; Polyclonal Antibody; PIN1 Antibody; DOD; UBL5; anti-PIN1 antibody

PRODUCT SPECIFICATIONS

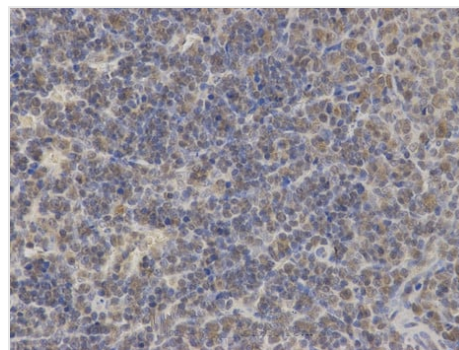
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	163
Applicable Applications for anti-PIN1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PIN1
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7413 / sc-7409 / sc-7412 / sc-15340
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



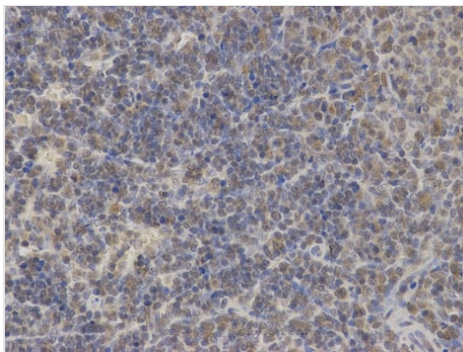
IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using PIN1 antibody. Blue: DAPI for nuclear staining.



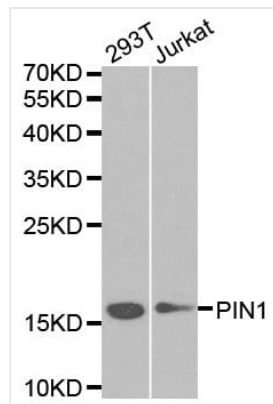
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using PIN1 antibody at dilution of 1:100 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophageal cancer using PIN1 antibody at dilution of 1:100 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PIN1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PIN1 antibody

Pin1, a member of the parvulin family of peptidyl-prolyl isomerases (PPlase), has been implicated in the G2/M transition of the mammalian cell cycle (1-6). Pin1 is a small (18 kDa) protein with two distinct functional domains: an amino-terminal WW domain and a carboxy-terminal PPlase domain. Pin1 interacts with several mitotic phosphoproteins, including Plk1, cdc25C and cdc27, and is thought to act as a phosphorylation-dependent PPlase for these target molecules (7-9).

NCBI AND UNIPROT INFORMATION

NCBI GI #	1332710
NCBI GeneID	5300
Molecular Weight	18,243 Da
NCBI Official Full Name	Pin1
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; PPlase Pin1; protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting 1; rotamase Pin1
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
UniProt Gene Name	PIN1
UniProt Synonym Gene Names	PPlase Pin1
UniProt Entry Name	PIN1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pin1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/166113>