

Product Datasheet

Pin1 Antibody - BSA Free NBP1-77757

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-77757

Pin1 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This affinity purified antibody is directed against human Pin1. The product was affinity purified from monospecific antiserum by immunoaffinity chromatography</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	5300
Gene Symbol	PIN1
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest cross-reactivity with Pin1 from human, dog, bovine and monkey based on a 100% homology with the immunizing sequence. Expect partial reactivity with Pin1 from mouse and rat sources based on 92% sequence homologies. Reactivity against homologues from other sources is not known.
Immunogen	This affinity purified Pin1 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal sequence of human Pin1. (Uniprot: Q13526)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, ELISA 1:2500-1:10000, Immunohistochemistry 5ug/ml, Immunoprecipitation 1:100
Application Notes	This affinity purified antibody has been tested for use in ELISA, Immunohistochemistry, and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 18 kDa in size corresponding to Pin1 by western blotting in the appropriate cell lysate or extract. Lysates from 3T3, Jurkat, 293 or HeLa cells, as well as HeLa nuclear extract, are recommended for use as positive controls.

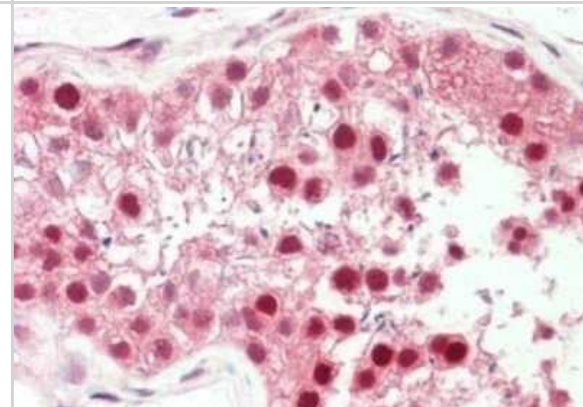


Images

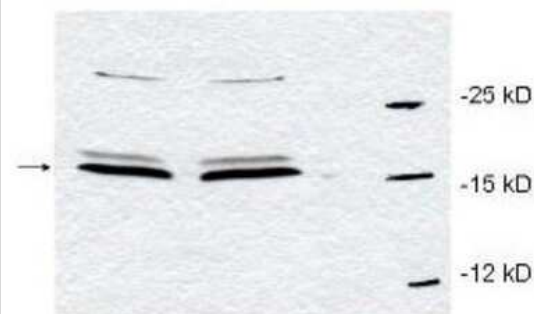
Western Blot: Pin1 Antibody [NBP1-77757] - Lane 1: T9ug cells treated with scrambled (scr). Lane 2: T9ug cells treated with PIN1 kd1 shRNA. Lane 3: T9ug cells treated with PIN1-overexpressing plasmid HAP1. Lane 4: T9ug cells treated with PIN1-overexpressing plasmid HAP1S67E. Lane 5: T9ug cells treated with PIN1 kd2 shRNA. Load: 25 ug per lane. Primary antibody: PIN 1 antibody at 1:400 for overnight at 4C. Secondary antibody: IRDye800 (TM) rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4C. Predicted size: 18 kDa for PIN-1. Other band(s): normalized with α -tubulin (α -tub) antibody.



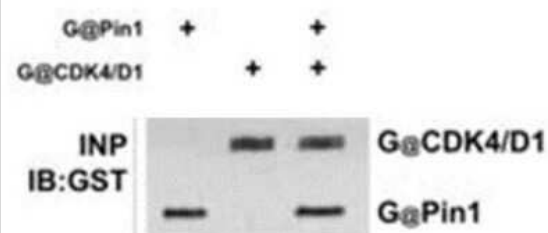
Immunohistochemistry: Pin1 Antibody [NBP1-77757] - Tissue: testis. Fixation: formalin fixed paraffin embedded. Primary antibody: Anti-PIN1 at 5 ug/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: PIN-1 as precipitated red signal with hematoxylin purple nuclear counterstain.



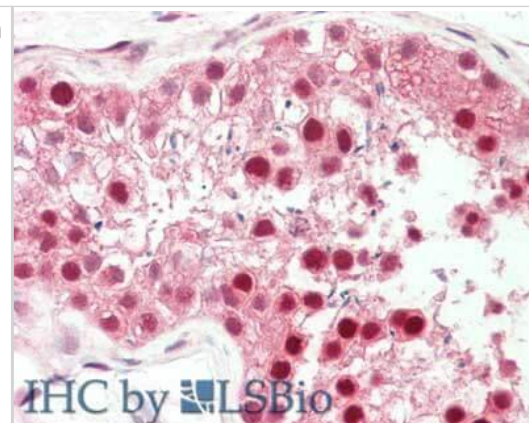
Western Blot: Pin1 Antibody [NBP1-77757] - Detection of endogenous Pin1 in HeLa whole cell lysates. The sample was run in duplicate. A band representing Pin1 is indicated by the arrowhead. Cell lysates were electrophoresed using a straight 15% polyacrylamide gel, followed by transfer to nitrocellulose. The membrane was probed with the primary antibody at a 1:700 dilution. A 1:5,000 dilution of HRP Gt-a-Rabbit IgG was used with a 15 sec exposure time.



Western Blot: Pin1 Antibody [NBP1-77757] - Lane 1: T9ug cells incubated with GST-Pin1. Lane 2: T9ug cells incubated with GST-CDK4/cyclinD1. Lane 3: T9ug cells incubated with GST-Pin1 and GST-CDK4/cyclinD1. Immunoprecipitated with pRb antibody. Load: 25 ug per lane. Primary antibody: anti-GST 1:400 for overnight at 4C. Secondary antibody: IRDye800 (TM) secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4C.



Immunohistochemistry of Pin1 Antibody. Tissue: testis. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Anti-PIN1 at 5 ug/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: PIN-1 as precipitated red signal with hematoxylin purple nuclear counterstain.





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Products Related to NBP1-77757

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-55706PEP	Pin1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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