

# Product Datasheet

## PIN4 Antibody (14A7) - BSA Free NBP3-26381-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-26381-100ul**

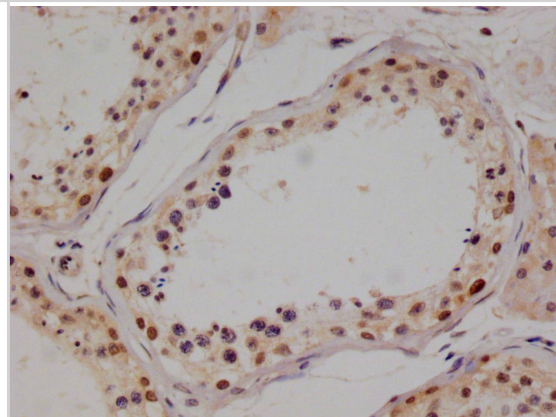
PIN4 Antibody (14A7) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20 to -70C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	14A7
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit PIN4 Antibody (14A7) - BSA Free (NBP3-26381) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5303
<b>Gene Symbol</b>	PIN4
<b>Species</b>	Human
<b>Immunogen</b>	A synthesized peptide derived from Human PIN4 [UniProt Q9Y237]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50-1:200



## Images

**Immunohistochemistry: PIN4 Antibody (14A7) [NBP3-26381]** - Image of PIN4 Antibody (14A7) diluted at 1:100 and staining in paraffin-embedded human testis tissue performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



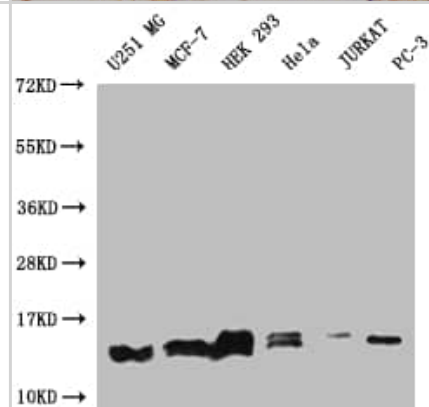
**Western Blot: PIN4 Antibody (14A7) [NBP3-26381]** - Positive Western Blot detected in: U251 whole cell lysate, MCF-7 whole cell lysate, HEK293 whole cell lysate, Hela whole cell lysate, Jurkat whole cell lysate, PC3 whole cell lysate.

All lanes: PIN4 Antibody at 1: 1000

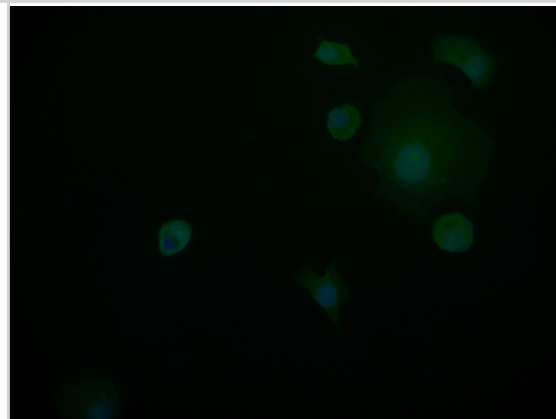
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 14, 17, 15 kDa

Observed band size: 12-17 kDa



**Immunocytochemistry/Immunofluorescence: PIN4 Antibody (14A7) [NBP3-26381]** - Staining of MCF-7 cell with PIN4 Antibody (14A7) at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 598-conjugated Goat Anti-Rabbit IgG (H+L).





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### **Products Related to NBP3-26381-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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