

# Product Datasheet

## P4HA2 Antibody (CL0351) - Azide and BSA Free NBP3-43972

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-43972**

P4HA2 Antibody (CL0351) - Azide and BSA Free

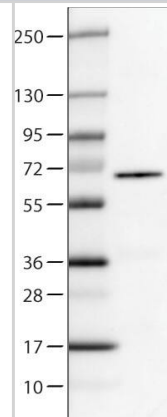
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0351
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Description	Novus Biologicals Mouse P4HA2 Antibody (CL0351) - Azide and BSA Free (NBP2-52922) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	8974
Gene Symbol	P4HA2
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of O15460, with the exact immunogen sequence remaining proprietary.

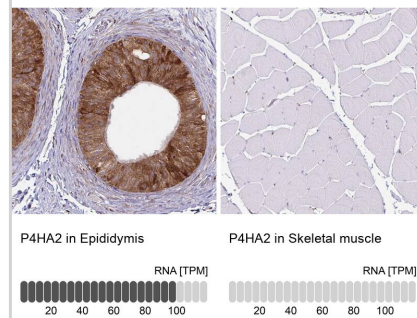
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

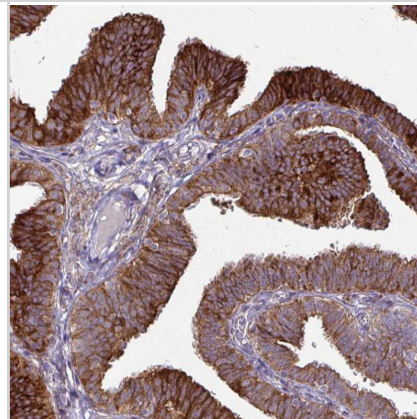
Lane 1: Marker [kDa]  
Lane 2: Human cell line U-251 MG



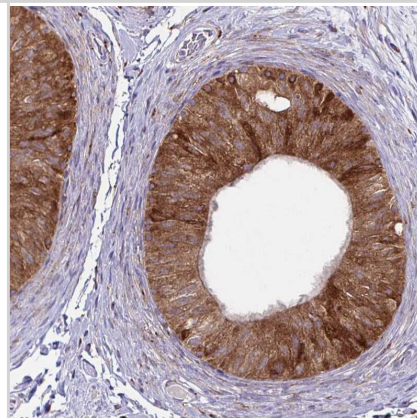
Analysis in human epididymis and skeletal muscle tissues using NBP3-43972 antibody. Corresponding P4HA2 RNA-seq data are presented for the same tissues.



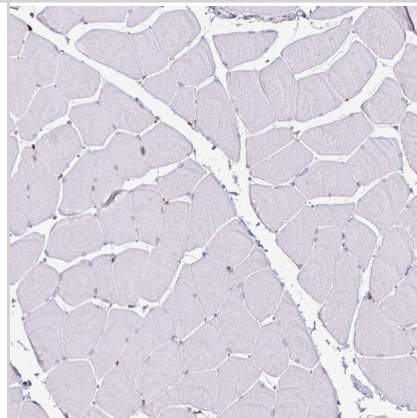
Staining of human fallopian tube shows moderate to strong cytoplasmic positivity in glandular cells.



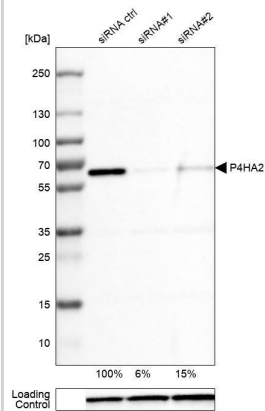
Staining of human epididymis shows moderate to strong cytoplasmic positivity in glandular cells.



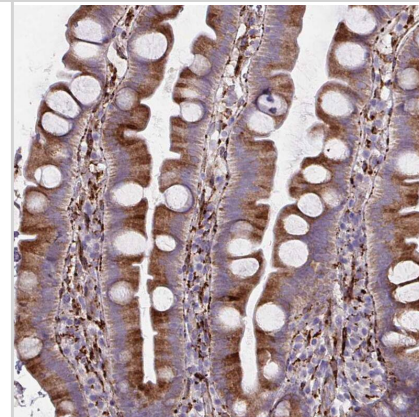
Staining of human skeletal muscle shows no positivity in striated muscle fibers as expected.



Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-P4HA2 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Staining of human small intestine shows moderate cytoplasmic positivity in glandular cells.





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### **Products Related to NBP3-43972**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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