

# Product Datasheet

## alpha Tubulin 4a Antibody (3P2D9) NBP3-16646-100ul

Unit Size: 100 ul

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

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**NBP3-16646-100ul**

alpha Tubulin 4a Antibody (3P2D9)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3P2D9
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	50 kDa

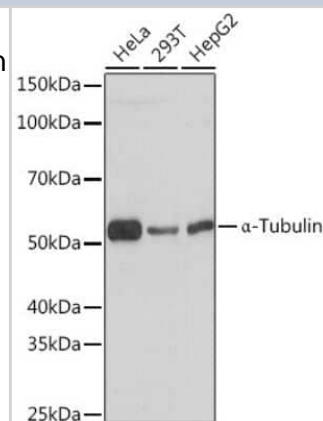
Product Description	
Description	Novus Biologicals Rabbit alpha Tubulin 4a Antibody (3P2D9) (NBP3-16646) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7277
Gene Symbol	TUBA4A
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 349-448 of human alpha Tubulin 4a (P68366). TGFKVGINYQPPTVVPGGDLAKVQRAVCMLSNTTAIAEAWARLDHKFDLMYAK RAFVHWYVGEEMEEGEFSEAREDMAALEKDYEYEVGIDSYEDEDEGEE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/Immunofluorescence 1:100 - 1:800, Immunoprecipitation 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells, Immunohistochemistry-Paraffin 1:200 - 1:2000

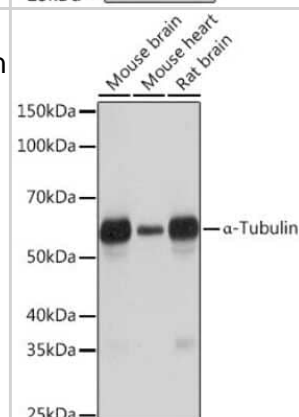


## Images

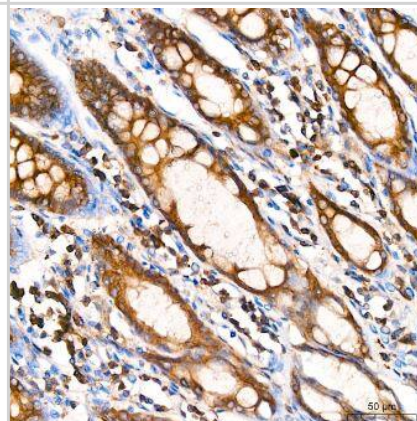
Western Blot: alpha Tubulin 4a Antibody (1K6U1) [NBP3-16646] - Western blot analysis of extracts of various cell lines, using alpha Tubulin 4a Rabbit mAb (NBP3-16646) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



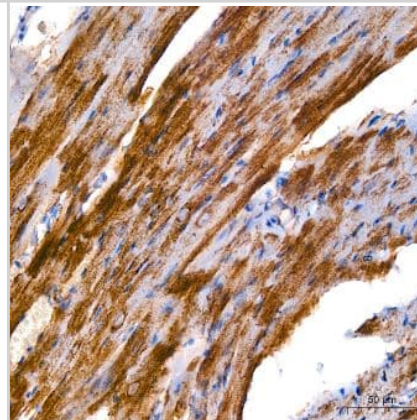
Western Blot: alpha Tubulin 4a Antibody (1K6U1) [NBP3-16646] - Western blot analysis of extracts of various cell lines, using alpha Tubulin 4a Rabbit mAb (NBP3-16646) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



Immunohistochemistry-Paraffin: alpha Tubulin 4a Antibody (1K6U1) [NBP3-16646] - Human colon using alpha-Tubulin Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry-Paraffin: alpha Tubulin 4a Antibody (1K6U1) [NBP3-16646] - Mouse heart using alpha-Tubulin Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.





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### **Products Related to NBP3-16646-100ul**

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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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