

Product Datasheet

alpha Tubulin 4a Antibody

NBP1-31392

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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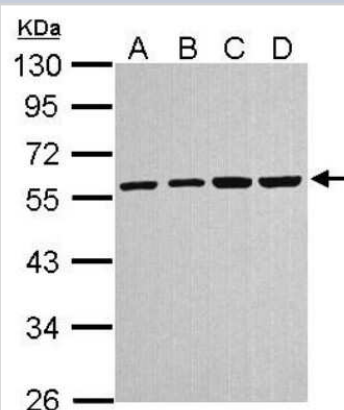
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 20% Glycerol (pH7)
Target Molecular Weight	50 kDa

Product Description	
Host	Rabbit
Gene ID	7277
Gene Symbol	TUBA4A
Species	Human, Mouse, Rat
Reactivity Notes	Chimpanzee (100%), Xenopus laevis (87%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human alpha Tubulin 4a. The exact sequence is proprietary.

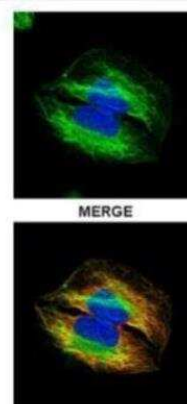
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

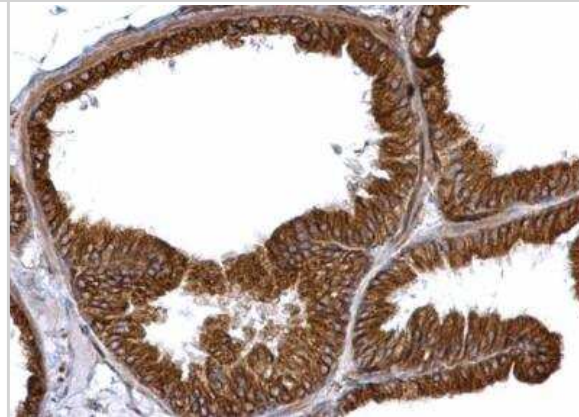
Western Blot: alpha Tubulin 4a Antibody [NBP1-31392] - Sample (30 ug of whole cell lysate) A: A431 B: H1299 C: HeLa D: Molt-4 10% SDS PAGE; antibody diluted at 1:1000.



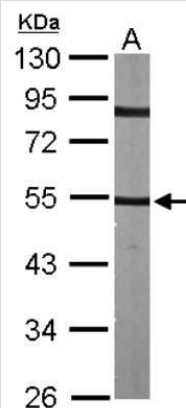
Immunocytochemistry/Immunofluorescence: alpha Tubulin 4a Antibody [NBP1-31392] - Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed U2OS, using alpha Tubulin 4a antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with red at 1:2000.



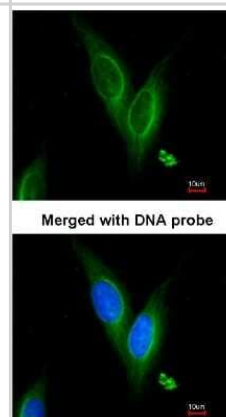
Immunohistochemistry-Paraffin: alpha Tubulin 4a Antibody [NBP1-31392] - Paraffin-embedded mouse prostate. alpha Tubulin 4a antibody dilution: 1:500.



Western Blot: alpha Tubulin 4a Antibody [NBP1-31392] - Sample (30 ug of whole cell lysate) A: NIH-3T3 10% SDS PAGE; antibody diluted at 1:1000.



Immunocytochemistry/Immunofluorescence: alpha Tubulin 4a Antibody [NBP1-31392] - Analysis of HeLa, using NBP1-31392 at 1:200 dilution.



Publications

Ehlerding EB, England CG, Jiang D et al. CD38 as a PET imaging target in lung cancer. *Molecular Pharmaceutics* 2017-06-07 [PMID: 28573863] (WB, ICC/IF, Human)

Hwang-Verslues WW, Chang PH, Wei PC et al. miR-495 is upregulated by E12/E47 in breast cancer stem cells, and promotes oncogenesis and hypoxia resistance via downregulation of E-cadherin and REDD1. *Oncogene* 2011-05-01 [PMID: 21258409] (WB)



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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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