

# Product Datasheet

## Tubulin Beta 4 Antibody - BSA Free NBP1-32205

Unit Size: 0.1 ml

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

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### Publications: 1

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**NBP1-32205**

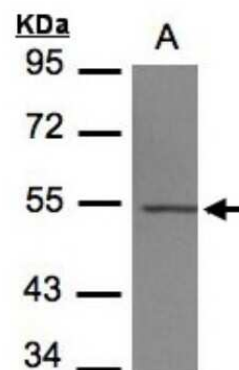
Tubulin Beta 4 Antibody - BSA Free

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	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris (pH 7), 0.1M Glycine, 10% Glycerol
Target Molecular Weight	50 kDa
Product Description	
Host	Rabbit
Gene ID	10382
Gene Symbol	TUBB4A
Species	Human, Mouse, Rat
Reactivity Notes	Xenopus laevis (96%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Tubulin Beta 4. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000
Application Notes	IHC usage reported in scientific literature (PMID: 24624341).

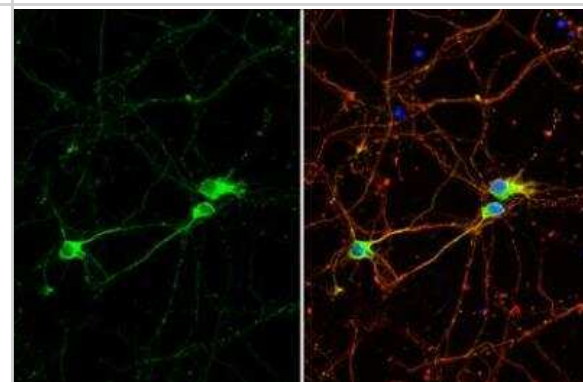


## Images

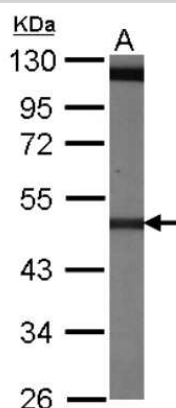
Western Blot: Tubulin Beta 4 Antibody [NBP1-32205] - Sample(30 ug of whole cell lysate) A:293T7. 5% SDS PAGE, antibody diluted at 1:1000.



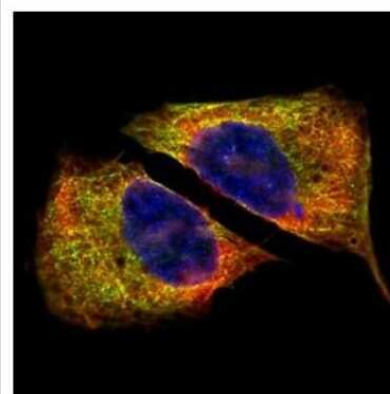
Immunocytochemistry/Immunofluorescence: Tubulin Beta 4 Antibody [NBP1-32205] - Tubulin Beta 4 Antibody detects Tubulin Beta 4 protein by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Tubulin Beta 4 stained by Tubulin Beta 4 Antibody diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody diluted at 1:500. Blue: Fluoroshield with DAPI.



Western Blot: Tubulin Beta 4 Antibody [NBP1-32205] - Sample (30 ug of whole cell lysate) A: NIH-3T3 10% SDS PAGE; antibody diluted at 1:1000.



Immunocytochemistry/Immunofluorescence: Tubulin Beta 4 Antibody [NBP1-32205] - Paraformaldehyde-fixed U2OS, using beta Tubulin 4 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with an alpha Tubulin antibody (Red) at 1:2000.



## Publications

Xu Weiling, Janocha Allison J, Leahy Rachel A et al. A novel method for pulmonary research: assessment of bioenergetic function at the air-liquid interface. Redox Biol. 2014-01-16 [PMID: 24624341] (IF/IHC)



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### **Products Related to NBP1-32205**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010382-P01-10ug	Recombinant Human Tubulin Beta 4 GST (N-Term) Protein

### **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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