

Product Datasheet

beta-III Tubulin Antibody (CL5814) - BSA Free NBP2-61431

Unit Size: 100 ul

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

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NBP2-61431

beta-III Tubulin Antibody (CL5814) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL5814
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

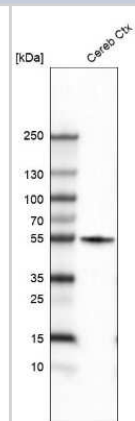
Product Description	
Description	Novus Biologicals Mouse beta-III Tubulin Antibody (CL5814) - BSA Free (NBP2-61431) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10381
Gene Symbol	TUBB3
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a synthetic peptide derived from Q13509, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:50000 - 1:100000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:50000 - 1:100000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: PFA/Triton X-100

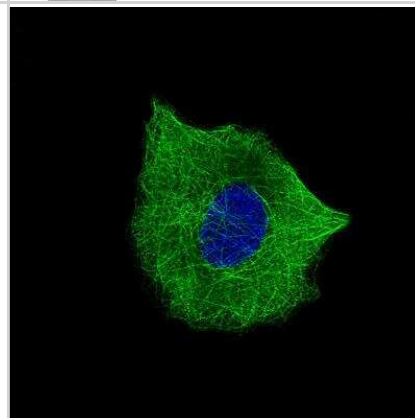


Images

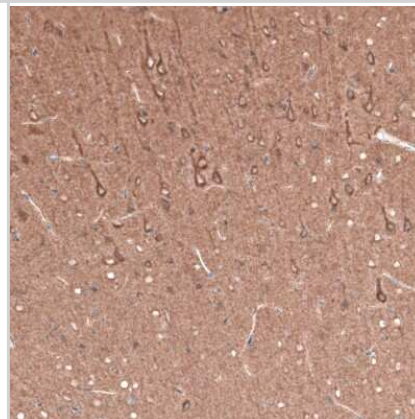
Western Blot: beta-III Tubulin Antibody (CL5814) [NBP2-61431] - Analysis in human cerebral cortex tissue.



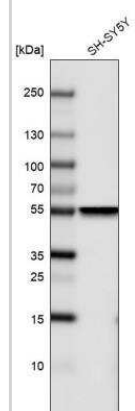
Immunocytochemistry/Immunofluorescence: beta-III Tubulin Antibody (CL5814) [NBP2-61431] - Staining of A549 cells. Nuclear probes are visualized in blue. Antibody staining is shown in green.



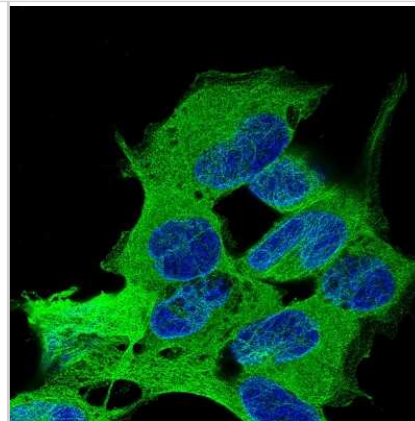
Immunohistochemistry-Paraffin: beta-III Tubulin Antibody (CL5814) [NBP2-61431] - Staining of rat cerebral cortex shows strong positivity in neuronal cell bodies and in neuropil.



Western Blot: beta-III Tubulin Antibody (CL5814) [NBP2-61431] - Analysis in human cell line SH-SY5Y.



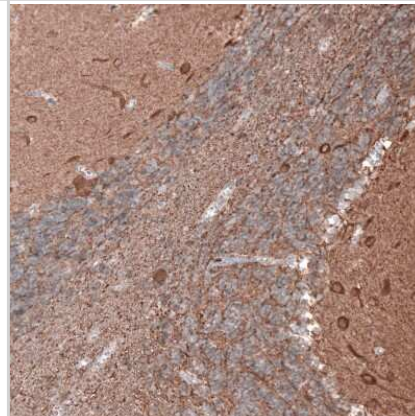
Immunocytochemistry/Immunofluorescence: beta-III Tubulin Antibody (CL5814) [NBP2-61431] - Staining of SH-SY5Y cells using the Anti-TUBB3 monoclonal antibody, showing specific staining on microtubules in green. Nuclear probe is visualized in blue. Antibody staining is shown in green.



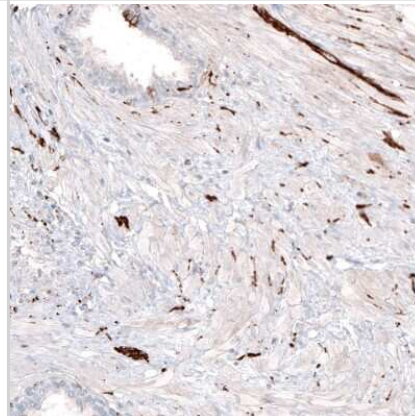
Immunohistochemistry-Paraffin: beta-III Tubulin Antibody (CL5814) [NBP2-61431] - Staining of human cerebral cortex shows strong positivity in neuropil as well as in neurons.



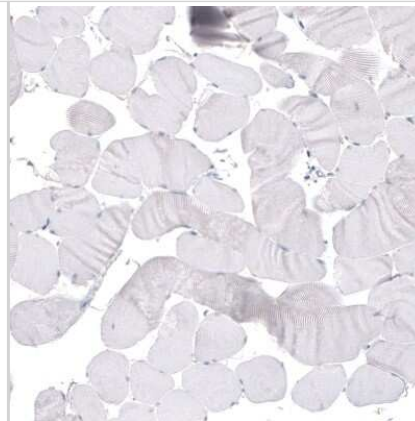
Immunohistochemistry-Paraffin: beta-III Tubulin Antibody (CL5814) [NBP2-61431] - Staining of human cerebellum shows strong positivity in both neuronal cell bodies and neuropil.



Immunohistochemistry-Paraffin: beta-III Tubulin Antibody (CL5814) [NBP2-61431] - Staining of human prostate shows strong positivity in the peripheral nerves.



Immunohistochemistry-Paraffin: beta-III Tubulin Antibody (CL5814) [NBP2-61431] - Staining of human skeletal muscle shows absence of positivity in striated muscle fibers as expected (negative control).



Immunohistochemistry-Paraffin: beta-III Tubulin Antibody (CL5814) [NBP2-61431] - Staining of mouse embryo E11 shows strong positivity in the developing central and peripheral nervous system.





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Products Related to NBP2-61431

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]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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