

Product Datasheet

beta-III Tubulin Antibody (AA10) - Azide Free NBP1-30048

Unit Size: 0.1 ml

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

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Publications: 1

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Updated 2/21/2025 v.20.1

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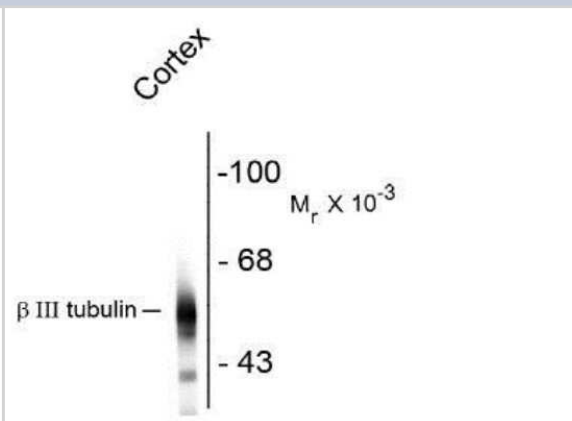
NBP1-30048

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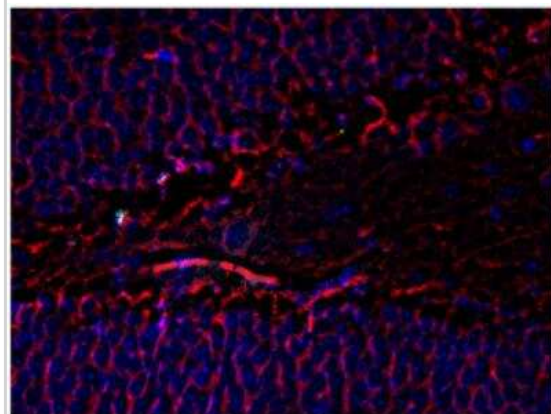
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AA10
Preservative	No Preservative
Isotype	IgG
Purity	Protein G purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	55 kDa
Product Description	
Host	Mouse
Gene ID	10381
Gene Symbol	TUBB3
Species	Mouse, Rat
Reactivity Notes	This antibody has been directly tested for reactivity in rat. It is expected that this antibody will have wide species cross reactivity.
Marker	Neuronal Marker
Specificity/Sensitivity	Specific for the ~55kDa beta III tubulin protein. This clone is similar to the monoclonal antibody Tuj1.
Immunogen	Synthetic peptide corresponding to amino acid residues specific to beta III tubulin conjugated to KLH. Accession # Q4QRB4
Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot 1:10000, Immunohistochemistry 1:10-1:500

Images

Western Blot: beta-III Tubulin Antibody (AA10) [NBP1-30048] - Rat cortex lysate showing specific immunolabeling of the ~55k beta III tubulin protein.



Immunohistochemistry: beta-III Tubulin Antibody (AA10) [NBP1-30048] - Immunostaining of mouse dentate gyrus showing beta III tubulin in red and nuclei in blue. Photo courtesy of Robert Wine.



Publications

Kawano T, Zhou J, Anwar S et al. T cell infiltration into the brain triggers pulmonary dysfunction in murine Cryptococcus-associated IRIS Nature communications 2023-06-28 [PMID: 37380639] (ICC/IF, Mouse)

Details:

1:200 ICC/IF dilution



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Products Related to NBP1-30048

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP2-22901	Recombinant Human beta-III Tubulin His 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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