

# Product Datasheet

## Tau [p Ser416] Antibody - Azide Free NB110-93503

Unit Size: 0.1 ml

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

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**NB110-93503**

Tau [p Ser416] Antibody - Azide Free

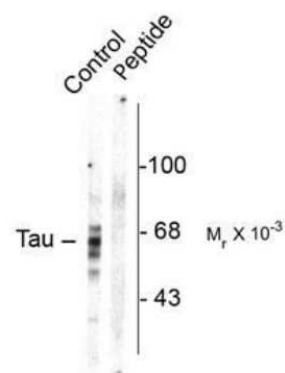
| Product Information     |   |
|-------------------------|---|
| Unit Size               | 0.1 ml  |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage                 | Store at -20C. Avoid freeze-thaw cycles.  |
| Clonality               | Polyclonal  |
| Preservative            | No Preservative   |
| Isotype                 | IgG   |
| Purity                  | Antigen Affinity-purified   |
| Buffer                  | 10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol                             |
| Target Molecular Weight | 59 kDa  |

| Product Description     |   |
|-------------------------|---|
| Host                    | Rabbit  |
| Gene ID                 | 4137  |
| Gene Symbol             | MAPT  |
| Species                 | Human, Mouse, Rat   |
| Marker                  | pan-Neuronal Marker   |
| Specificity/Sensitivity | Specific for ~59, 65, 68 kDa tau protein phosphorylated at Ser416. Immunolabeling is blocked by preadsorption with the phosphopeptide used as antigen, but not by the corresponding non-phosphopeptide. |
| Immunogen               | Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser416 conjugated to KLH. Accession # P19332   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry              |
| Recommended Dilutions       | Western Blot 1:1000, Immunohistochemistry 1:200 |

**Images**

Western Blot: Tau [p Ser416] Antibody [NB110-93503] - Rat brain homogenate showing specific immunolabeling of the ~59, 65, 68k Tau isoforms phosphorylated at Ser416(control). Immunolabeling is blocked by preadsorption with the phospho-peptide used as antigen (Peptide) but not by the corresponding dephospho-peptide (not shown).





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### **Products Related to NB110-93503**

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|            |   |
|------------|---|
| NBL1-12894 | Tau Overexpression Lysate                           |
| 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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