

# Product Datasheet

## Tau [p Thr181] Antibody (HL2497) - Azide and BSA Free NBP3-45157

Unit Size: 100 ul

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

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**NBP3-45157**

Tau [p Thr181] Antibody (HL2497) - Azide and BSA Free

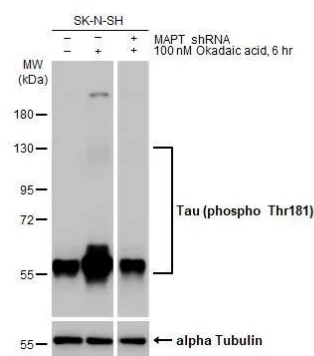
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HL2497
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Tau [p Thr181] Antibody (HL2497) - Azide and BSA Free (NBP3-45157) is a recombinant monoclonal antibody validated for use in IHC, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	4137
<b>Gene Symbol</b>	MAPT
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide surrounding phospho Thr181 of human Tau. The exact sequence is proprietary.

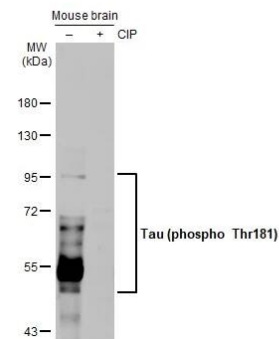
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated

**Images**

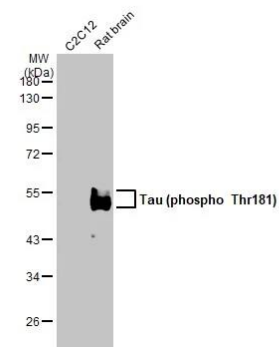
Western Blot: Rabbit Tau [p Thr181] mAb (HL2497) [NBP3-45157] - Untreated (-) and treated (+) SK-N-SH whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Tau (p Thr181) antibody [HL2497] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



Western Blot: Rabbit Tau [p Thr181] mAb (HL2497) [NBP3-45157] - Untreated (-) and treated (+) mouse tissue extract (50 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Tau (phospho Thr181) antibody [HL2497] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

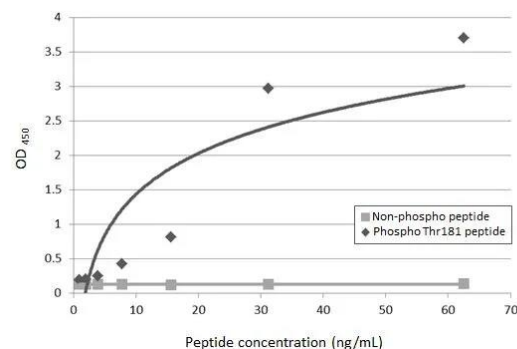


Western Blot: Rabbit Tau [p Thr181] mAb (HL2497) [NBP3-45157] - Whole cell and rat tissue extracts were separated by 10% SDS-PAGE, and the membrane was blotted with Tau (p Thr181) antibody [HL2497] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



ELISA: Rabbit Tau [p Thr181] mAb (HL2497) - Sandwich ELISA detection of Tau peptide and Tau (p Thr181) peptide using antibodies as below.

**Capture:** Tau (p Thr181) antibody [HL2498] (NBP3-45158) (5 ug/mL)  
**Detection:** HRP-conjugated Tau (p Thr181) antibody [HL2497] (NBP3-45157) (1 ug/mL)  
 Please notice that NBP3-45157 needs to be conjugated to HRP to function as the detection antibody when paired with NBP3-45158.

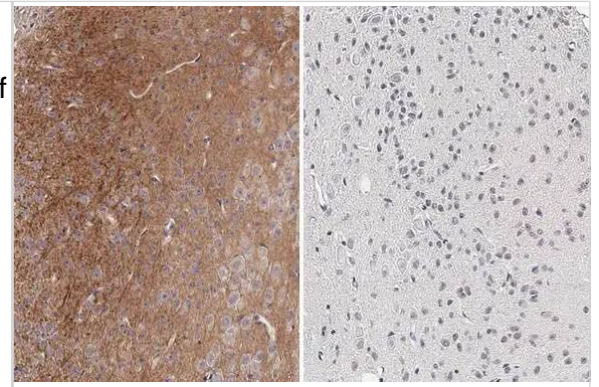


ELISA: Rabbit Tau [p Thr181] mAb (HL2497) - Sandwich ELISA detection of Tau peptide and Tau (p Thr181) peptide using antibodies as below.

**Capture:** Tau (phospho Thr181) antibody [HL2497] (NBP3-45157) (5 ug/mL)  
**Detection:** HRP-conjugated Tau (p Thr181) antibody [HL2498] (NBP3-45158) (1 ug/mL) Please notice that NBP3-45158 needs to be conjugated to HRP to function as the detection antibody when paired with NBP3-45157. Please contact us for custom HRP-conjugated antibody.



Immunohistochemistry: Rabbit Tau [p Thr181] mAb (HL2497) [NBP3-45157] - Tau (p Thr181) antibody [HL2497] detects Tau (p Thr181) protein at cytoplasm by immunohistochemical analysis in the presence of control peptide (left) or antigen-specific peptide (right).  
Sample: Paraffin-embedded mouse brain.  
Tau (p Thr181) stained by Tau (p Thr181) antibody [HL2497] (GTx638855) diluted at 1:100.





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### **Products Related to NBP3-45157**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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