

# Product Datasheet

## Tau [p Thr205, p Ser202] Antibody (AH36) NBP3-18265

Unit Size: 100 ug

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

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**NBP3-18265**

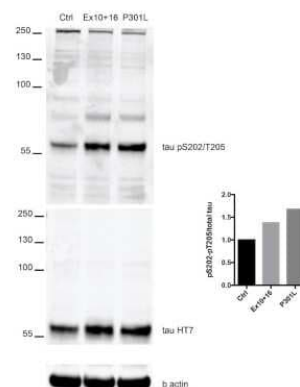
Tau [p Thr205, p Ser202] Antibody (AH36)

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	AH36
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS pH 7.4, 50% glycerol
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	4137
<b>Gene Symbol</b>	MAPT
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Synthetic peptide of Human Phospho Tau (Ser202/Thr205)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Dot Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500, Immunohistochemistry 1:500, Immunocytochemistry/Immunofluorescence 1:500, Dot Blot
<b>Application Notes</b>	Optimal dilutions for assays should be determined by the user.

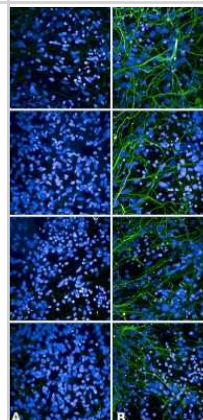


## Images

**Western Blot: Tau [p Ser 202, p Thr 205] Antibody (AH36) [NBP3-18265]**  
 - Western Blot analysis of Human iPSC-derived cortical neurons showing detection of Tau protein using Rabbit Anti-Tau Monoclonal Antibody, Clone AH36 (NBP3-18265). Lane 1: MW ladder. Lane 2: Control (non-disease) line. Lane 2: Ex10+16 tau mutant sample. Lane 3: P301L tau mutant sample. Load: 50ug. Primary Antibody: Rabbit Anti-Tau Monoclonal Antibody (NBP3-18265) at 1:500 for Overnight. pSer202/pThr205 was detected using NBP3-18265. Total tau was detected using mouse anti-tau antibody (clone HT7). The bar graph on the right shows quantification of pSer202/pThr205 compared to total tau in each sample.



**Immunocytochemistry/Immunofluorescence: Tau [p Ser 202, p Thr 205] Antibody (AH36) [NBP3-18265]**  
 - Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-Tau Monoclonal Antibody, Clone AH36 (NBP3-18265). Tissue: iPSC-derived cortical excitatory neurons. Species: Human. Primary Antibody: Rabbit Anti-Tau Monoclonal Antibody (NBP3-18265) at 1:500 for Overnight. Secondary Antibody: Donkey anti-rabbit: Alexa Fluor 488 at 1:1000. Counterstain: DAPI. A) iPSC-derived neurons from non-demented control (NDC). B) iPSC-derived neurons from subject with P301L MAPT mutation. Images acquired using an automated Opera Phoenix system. Each field of view is a max projection from 10 planes of 1 um stacks.



**Dot Blot: Tau [p Ser 202, p Thr 205] Antibody (AH36) [NBP3-18265]**  
 - Dot Blot analysis using Rabbit Anti-Tau Monoclonal Antibody, Clone AH36 (NBP3-18265). Species: E. Coli, Baculovirus. Primary Antibody: Rabbit Anti-Tau Monoclonal Antibody (NBP3-18265) at 1:500. Secondary Antibody: Goat anti-rabbit IgG:HRP.



1: Tau 2N4R P301S (*E.coli* expressed, unphosphorylated)  
 2: Tau 2N4R P301S (*Baculovirus* expressed, phosphorylated)



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### Products Related to NBP3-18265

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-76793-100ug	Recombinant Human Tau Active, (K18), P301L Mutant, Pre-formed Fibrils Protein

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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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