

# Tau (phospho Thr181) Polyclonal Antibody

Catalog # AP67197

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P10636</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal

## Additional Information

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<b>Other Names</b>	MAPT; MAPTL; MTBT1; TAU; Microtubule-associated protein tau; Neurofibrillary tangle protein; Paired helical filament-tau; PHF-tau
<b>Dilution</b>	WB--Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. E--N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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### Background

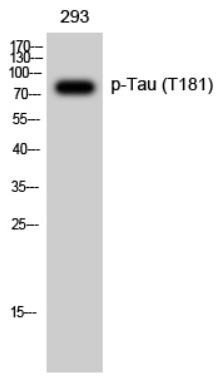
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Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity. The C-terminus binds axonal microtubules while the N-terminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both. Axonal polarity is predetermined by TAU/MAPT localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization.

### Images

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Western Blot analysis of 293 cells using Phospho-Tau (T181) Polyclonal Antibody diluted at 1 : 2000



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.