

## Tau antibody

Cat. No. GTX100866

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Package  
100 µl, 25 µl

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 79 kDa. ( [Note](#) )

## PROPERTIES

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.34 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Tau. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

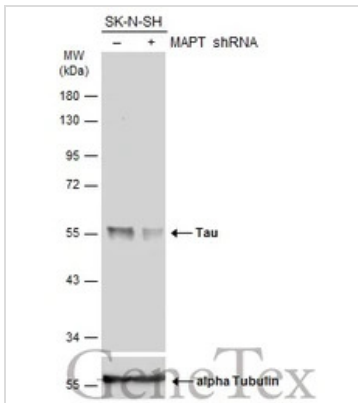
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

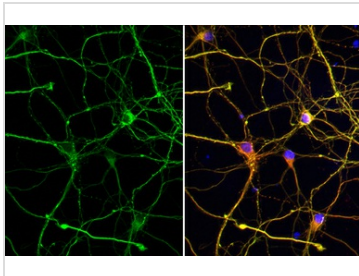
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**DATA IMAGES**

**GTK100866 WB Image**

Non-transfected (–) and transfected (+) SK-N-SH whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Tau antibody (GTK100866) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTK213110-01) was used to detect the primary antibody.


**GTK100866 ICC/IF Image**

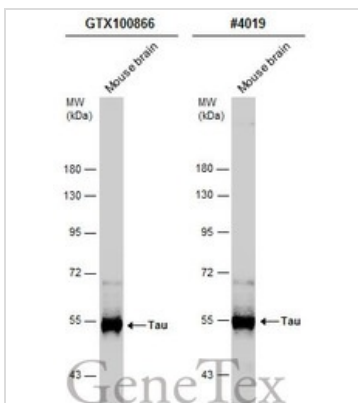
Tau antibody detects Tau protein at cytoskeleton by immunofluorescent analysis.

Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Tau stained by Tau antibody (GTK100866) diluted at 1:250.

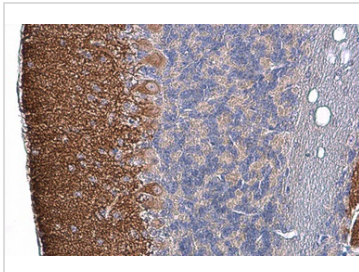
Red: Tau, an axon marker, stained by Tau antibody [GT287] (GTK634809) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTK30920).


**GTK100866 WB Image**

Mouse tissue extract (50 µg) was separated by 7.5% SDS-PAGE, and the membranes were blotted with Tau antibody (GTK100866) diluted at 1:2000 and competitor's antibody (CST#4019) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTK213110-01) was used to detect the primary antibody.

\*The competitor is not affiliated with GeneTex and does not endorse this product.


**GTK100866 IHC-P Image**

Tau antibody detects Tau protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse cerebellum.

Tau stained by Tau antibody (GTK100866) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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