

Tau (phospho Thr181) antibody [HL2497]

Cat. No. GTX638855

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, IHC-P, ELISA, Sandwich ELISA
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	1:44-1:1000
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX638855, Detection : GTX638856 or Capture : GTX638856, Detection : GTX638855
The detection antibody requires HRP conjugation. Please contact us for the conjugation service.

Not tested in other applications.

Observed MW (kDa) 50-80 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservative
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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Thr181 of human Tau. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



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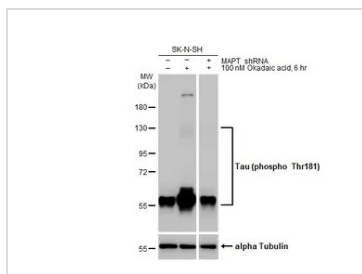
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

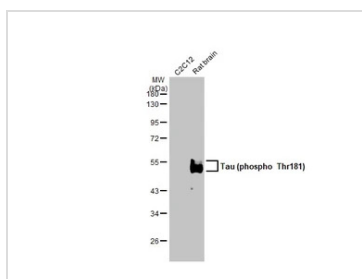
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DATA IMAGES



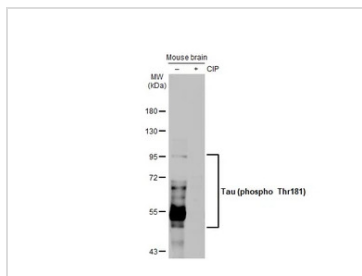
GTX638855 WB Image

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 (phospho Thr181) antibody [HL2497] (GTX638855) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



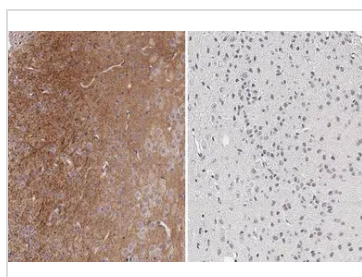
GTX638855 WB Image

Whole cell and rat tissue extracts were separated by 10% SDS-PAGE, and the membrane was blotted with Tau (phospho Thr181) antibody [HL2497] (GTX638855) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



GTX638855 WB Image

Untreated (-) and treated (+) mouse tissue extract (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Tau (phospho Thr181) antibody [HL2497] (GTX638855) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX638855 IHC-P Image

Tau (phospho Thr181) antibody [HL2497] detects Tau (phospho 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 (phospho Thr181) stained by Tau (phospho Thr181) antibody [HL2497] (GTX638855) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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