

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 preservatives |
| 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 |



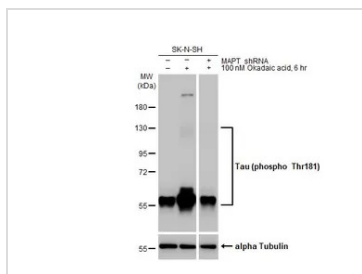
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Note

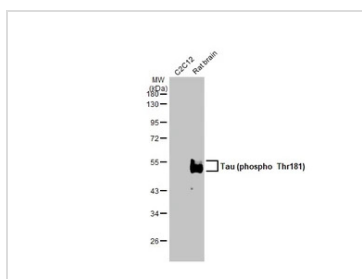
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DATA IMAGES



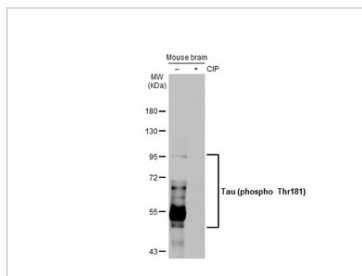
GTX638855 WB Image

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.



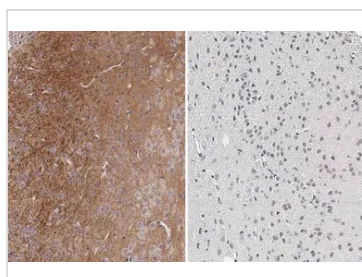
GTX638855 WB Image

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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