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 4ºC. For long-term storage, aliquot and store at -20ºC 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

For full product information, images and publications, please visit our website.

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Note

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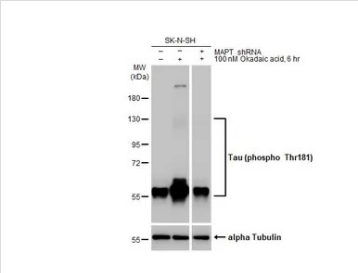
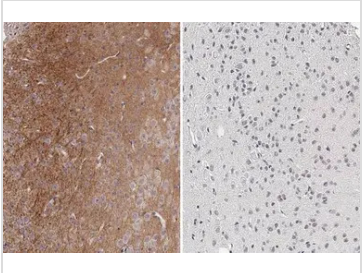
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



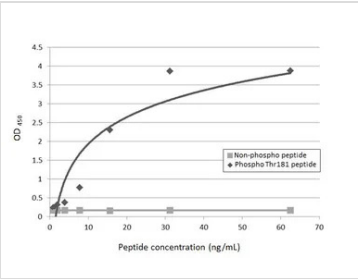
GTX638855 WB Image

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 IHC-P Image

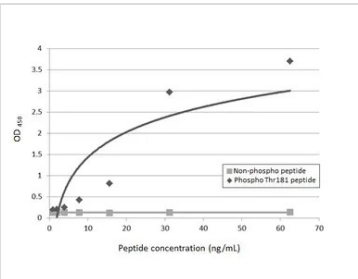
Tau (phospho Thr181) antibody [HL2497] detects Tau (phospho Thr181) protein at cytoplasm by immunohistochemical analysis in the presence of control peptide (left) or antigen-specific peptide (right).
Sample: Paraffin-embedded mouse brain.
Tau (phospho Thr181) stained by Tau (phospho Thr181) antibody [HL2497] (GTX638855) diluted at 1:100.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX638855 ELISA Image

Sandwich ELISA detection of Tau peptide and Tau (phospho Thr181) peptide using antibodies as below.

Capture: Tau (phospho Thr181) antibody [HL2497] (GTX638855) (5 µg/mL)
Detection: HRP-conjugated Tau (phospho Thr181) antibody [HL2498] (GTX638856) (1 µg/mL)
Please notice that GTX638856 needs to be conjugated to HRP to function as the detection antibody when paired with GTX638855. Please contact us for custom HRP-conjugated antibody.



GTX638855 ELISA Image

Sandwich ELISA detection of Tau peptide and Tau (phospho Thr181) peptide using antibodies as below.

Capture: Tau (phospho Thr181) antibody [HL2498] (GTX638856) (5 µg/mL)
Detection: HRP-conjugated Tau (phospho Thr181) antibody [HL2497] (GTX638855) (1 µg/mL)
Please notice that GTX638855 needs to be conjugated to HRP to function as the detection antibody when paired with GTX638856. Please contact us for custom HRP-conjugated antibody.

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