

Phospho-Tau-S404 Monoclonal Antibody

CABP1378

Description

This Phospho-Tau-S404 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABP1378
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	TAU, MSTD, PPND, DDPAC, MAPTL, MTBT1, MTBT2, tau-40, FTDP-17, PPP1R103, Tau-PHF6, Phospho-Tau-S404
Clone:	ARC58154
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	4137
Uniprot:	-
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	50-80kDa/
Calculated MW:	79kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

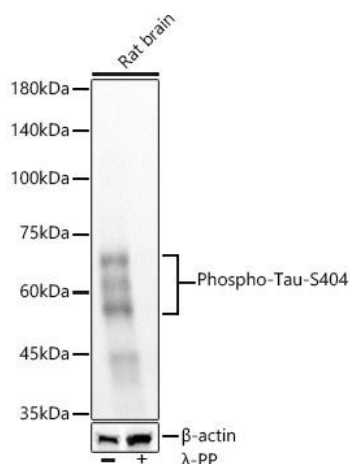
Positive Sample: SH-SY5Y treated with Okadaic Acid and Calyculin A, Rat brain, Mouse brain

Recommended Dilutions:

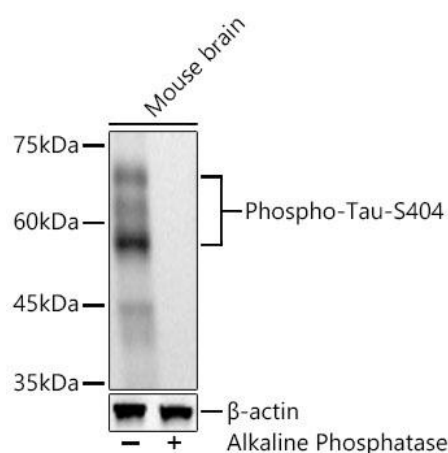
WB	1:2000 - 1:6000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from rat brain, using Phospho-Tau- Rabbit mAb (CABP1378) at 1:5000 dilution. Rat brain cells were treated with λ-PP mixed solution (1ul) at 30°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Western blot analysis of lysates from Mouse brain using Phospho-Tau- Rabbit mAb (CABP1378) at 1:5000 dilution. Mouse brain lysates were treated with λ-PP mixed solution (1ul) at 30°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.

