

Anti-Phospho-MAPT-S404 antibody [S5855RM] (STJ11105855)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

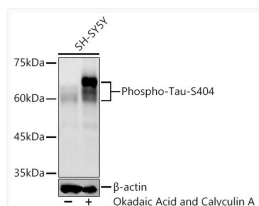
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:2000-1:6000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 79kDa Observed Mw: 50-80kDa/
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

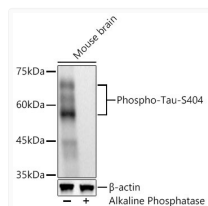
Gene ID	4137
Gene Symbol	MAPT
UniProt ID	TAU_HUMAN
Specificity	A synthetic phosphorylated peptide around S404 of human Tau.

ADDITIONAL INFORMATION

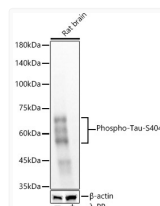
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from SH-SY5Y cells using Phospho-Tau-S404 Rabbit monoclonal antibody (STJ11105855) at 1:5000 dilution. SH-SY5Y cells were treated by Okadaic Acid (100 nM) at 37 °C for 1 hour and Calyculin A (100nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 30 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposuretime: 10s.



Western blot analysis of lysates from Mouse brain using Phospho-Tau-S404 Rabbit monoclonal antibody (STJ11105855) at 1:5000 dilution. Mouse brain lysates were treated by Lambda-PP mixed solution (1ul) at 30 °C for 30 minutes. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 30 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposuretime: 10s.



Western blot analysis of lysates from rat brain, using Phospho-Tau-S404 Rabbit monoclonal antibody (STJ11105855) at 1:5000 dilution. Rat brain cells were treated by Lambda-PP mixed solution (1ul) at 30 °C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.