Anti-Phospho-Tau (Ser404) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R012951

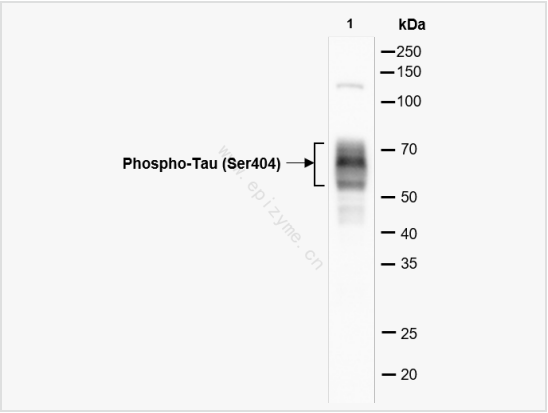
Product Information

Application	ELISA, WB
Reactivity	Mouse, Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	79L99K64
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser404 of human Tau
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-Tau (Ser404) Rabbit mAb [79L99K64] is for research use only and not for use in diagnostic or therapeutic procedures.

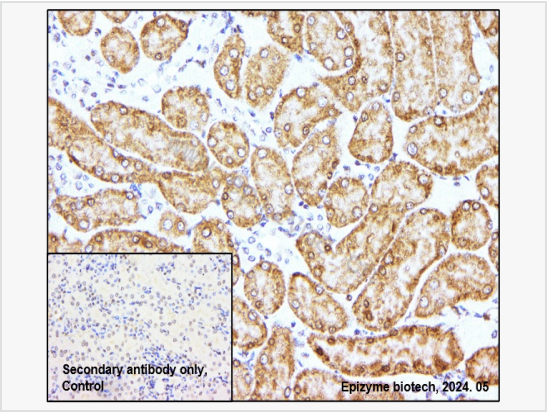
Protein Information

Synonyms	MAPT, MAPTL, MTBT1, TAU, Microtubule-associated protein tau, Neurofibrillary tangle protein, Paired helical filament-tau, PHF-tau.
Calculated MW	Calculated MW: 79 kDa; Observed MW: 50-80 kDa
Uniprot ID	P10636
Gene ID	4137
Background	This gene encodes the microtubule-associated protein tau (MAPT) whose transcript undergoes complex, regulated alternative splicing, giving rise to several mRNA species. MAPT transcripts are differentially expressed in the nervous system, depending on stage of neuronal maturation and neuron type.

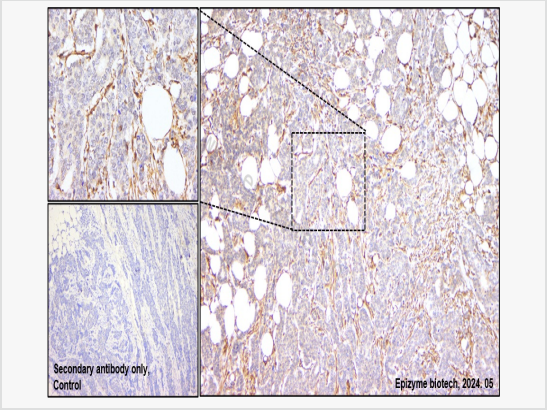
Validation Images



Western Blot - Anti-Phospho-Tau (Ser404) Rabbit mAb [79L99K64]
All lanes: R012951 at 1:1,000 dilution
Lane 1: Balb/c mouse brain whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 79 kDa
Observed band size: 50-80 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-Phospho-Tau (Ser404) Rabbit mAb [79L99K64]
Sample: Paraformaldehyde-fixed, paraffin embedded rat kidney tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R012951 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-Phospho-Tau (Ser404) Rabbit mAb [79L99K64]
Sample: Paraformaldehyde-fixed, paraffin embedded human breast carcinoma tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R012951 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.