

## Anti-Phospho-Tau (S396) MAPT Rabbit Monoclonal Antibody

Catalog Number: P00097-2

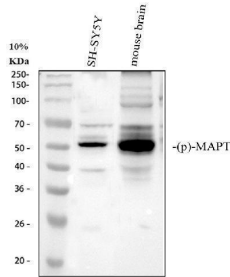
### Overview

Product Name	Anti-Phospho-Tau (S396) MAPT Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-Tau (S396) MAPT Rabbit Monoclonal Antibody catalog # P00097-2. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal FCO-13
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P10636

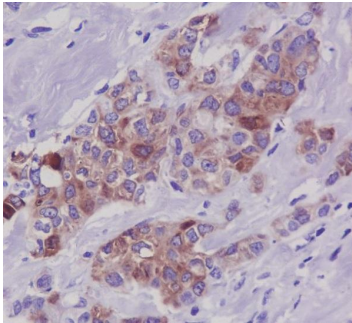
### Technical Details

Immunogen	A synthesized peptide derived from human Phospho-Tau (S396)
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:1000-5000 IHC 1:50-200

## Anti-Phospho-Tau (S396) MAPT Rabbit Monoclonal Antibody (P00097-2) Images



Western blot analysis of Phospho-Tau (S396) MAPT using anti-Phospho-Tau (S396) MAPT antibody (P00097-2). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human SH-SY5Y whole cell lysates, Lane 2: mouse brain tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Annexin V antigen affinity purified monoclonal antibody (P00097-2) at 1:10000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:1000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for Annexin V at approximately 54 kDa. The expected band size for Annexin V is at 54 kDa.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma, using Phospho-Tau (S396) Antibody.

## 7 Publications Citing This Product

1. PubMed ID: 32904483, Zhang YW, Li XQ, Tan WF, Fang B, Ma H. Postoperative 24-h Acute Sleep Deprivation Improves Learning and Memory Through Inhibition of Tau Phosphorylation in the Hippocampal Neurons of Splenectomized Rats. *Nat Sci Sleep*. 2020 Aug 24;12:603-613. doi:10.2147/NSS.S254
2. PubMed ID: 28934273, Han F1, Zhuang TT1, Chen JJ1, Zhu XL1,2, Cai YF1, Lu YP1. *PLoS One*. 2017 Sep 21;12(9):e0185102. doi: 10.1371/journal.pone.0185102. eCollection 2017. Novel derivative of Paeonol, Paeononilsatie sodium, alleviates behavioral damage and hippocampal ...
3. PubMed ID: 28123476, The expression of insulin-like growth factor-1 in senior patients with diabetes and dementia

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