Product datasheet
Anti-TAU/MAPT Antibody (Clone#TAU-2)
Catalog Number: *BM1604*

BOSTER®
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator, East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com **Phone:** 027-67845390/1/2 **Email:** boster@boster.com

Basic Information

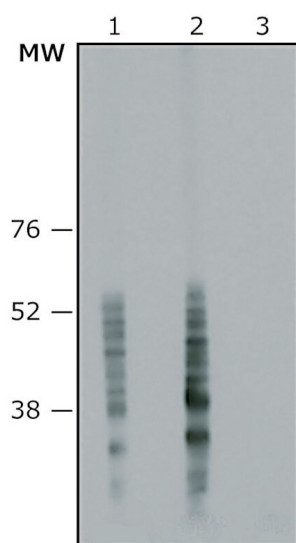|	
Product Name	Anti-TAU/MAPT Antibody (Clone#TAU-2)
Gene Name	MAPT
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	human, bovine
Tested Application	WB, IHC
Contents	200ug/ml antibody with PBS ， 0.02% NaN3 , 1mg BSA and 50% glycerol.
Immunogen	Bovine microtubule-associated proteins(MAPs).
Concentration	200ug/ml
Purification	Ascites
Observed MW	50-80 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

The microtubule-associated proteins(MAPs) coassemble with tubulin into microtubules in vitro. Microtubule-associated protein tau appears to be enriched in axons. Tau are composed of 352 to 441 amino acids. The isoforms differ from each other by the presence or absence of 29-amino acid or 58-amino acid inserts located in the N terminus and a 31-amino repeat located in the C terminus. tau is important in establishing and maintaining neuronal morphology and is a major component of the neurofibrillary tangles(NFTs) characteristic of Alzheimer's brain. Microtubule-associated protein tau(MTBT1) is mapped to chromosome 17q21.

Selected Validation Data

Antibody   ELISA Kits   IHC   WB   Cell Culture

Anti-Tau antibody (monoclonal), BM1604, Western blottingLane 1: Bovine Brain Tissue Lysate (1:1000 antibody)Lane 2: Bovine Brain Tissue Lysate (1:2000 antibody)Lane 3: Negative control

Antibody   ELISA Kits   IHC   WB   Cell Culture