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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Phospho-TAU/MAPT (S262) Antibody

Catalog Number: P00097-5

About MAPT

MAPT, Microtubule-associated protein tau, appears to be enriched in axons. The MAPT gene is assigned to chromosome 17 by hybridization of a cDNA clone to flow-sorted and spot-blotted chromosomes and to 17q21 by in situ hybridization, containing 16 exons. The tau proteins are the product of alternative splicingfrom a single gene that in humans is designated MAPT. Tau proteins are proteins that stabilize microtubules. They are abundant in neurons in the central nervous system and are less common elsewhere. When tau proteins are defective, and no longer stabilize microtubules properly, they can result in dementias such as Alzheimer's disease.

Overview

Product Name	Anti-Phospho-TAU/MAPT (S262) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-TAU/MAPT (S262) Antibody catalog # P00097-5. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg stabilizing protein 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	12 months from date of receipt-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P10636

Technical Details

Immunogen	A synthesized peptide derived from human Tau around the phosphorylation site of Ser262.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200

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Anti-Phospho-TAU/MAPT (S262) Antibody

For Research Use Only. Not for use in diagnostic procedures.