

Datasheet

MAPT (phospho S199) monoclonal antibody, clone 17D3.G7

Catalog Number: MAB8543

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against synthetic phosphopeptide of MAPT.

Clone Name: 17D3.G7

Immunogen: Synthetic phosphopeptide corresponding to residues surrounding S199 of human MAPT.

Host: Mouse

Reactivity: Human

Applications: ELISA, WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody specifically detects phosphorylated protein derived from human brain tissue. It recognizes PHF-tau phosphorylated at Ser199 in both ELISA and WB. This antibody shows no cross-reactivity with other unrelated protein.

Form: Lyophilized

Isotype: IgG1

Recommend Usage: ELISA (1:1000-1:2000)

Western Blot (2-5 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from PBS, pH 7.5, 0.1% BSA.

Storage Instruction: Store at -20°C.

After reconstitution with deionized water, store at -20°C or lower.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4137

Gene Symbol: MAPT

Gene Alias: DDPAC, FLJ31424, FTDP-17, MAPTL, MGC138549, MSTD, MTBT1, MTBT2, PPND, TAU

Gene Summary: 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. MAPT gene mutations have been associated with several neurodegenerative disorders such as Alzheimer's disease, Pick's disease, frontotemporal dementia, cortico-basal degeneration and progressive supranuclear palsy. [provided by RefSeq]