



Anti-MAPT polyclonal antibody (CABT-BL2303)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide: MAEPRQEFVMDHAG, corresponding to amino acids 1-16 of Human Tau.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	IHC-P, WB
Cellular Localization	Cytoplasm; cytosol. Cell membrane. Cytoplasm; cytoskeleton. Cell projection; axon. Mostly found in the axons of neurons, in the cytosol and in association with plasma membrane components.
Buffer	Serum
Preservative	0.09% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	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
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and neuron type. MAPT gene mutations have been associated with several neurodegenerative disorders such as Alzheimers disease, Picks disease, frontotemporal dementia, cortico-basal degeneration and progressive supranuclear palsy. [provided by RefSeq, Jul 2008]

GENE INFORMATION

Entrez Gene ID	4137
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Protein Refseq	NP_001116538
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UniProt ID	P10636
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