

Rabbit Anti-MAPT Polyclonal Antibody

CPB-664RH Rabbit(MAPT)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-MAPT Polyclonal Antibody
specificity	The antibody detects endogenous level of Tau only when phosphorylated at serine 396.
Target	MAPT
Immunogen	Peptide sequence around phosphorylation site of serine 396(Y-K-S(p)-P-V) derived from Human Tau.
Host	Rabbit
Species	Human
Cross Reactivity	Human; Mouse; Rat
conjugation	N/A
Applications	WB,IHC

PACKAGING

Format	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C /1 year

ANTIGEN GENE INFORMATION

Gene Name	MAPT microtubule-associated protein tau [Homo sapiens]
Official Symbol	MAPT
Synonyms	MAPT; microtubule-associated protein tau; DDPAC, MAPTL; FLJ31424; FTDP 17; G protein beta1/gamma2 subunit interacting factor 1; MGC138549; microtubule associated protein tau; isoform 4; MSTD; MTBT1; MTBT2; PPND; tau; TAU; PHF-tau; paired helical filament-tau; neurofibrillary tangle protein; microtubule-associated protein tau, isoform 4; G protein beta1/gamma2 subunit-interacting factor 1; DDPAC; MAPTL; FTDP-17;
GeneID	4137
mRNA Refseq	NM_001123066
Protein Refseq	NP_001116538
MIM	157140
UniProt ID	P10636
Chromosome Location	17q21
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic executionphase, organism-specific biosystem; Caspase-mediated cleavage of cytoskeletal proteins, organism-specific biosystem; IL-6 Signaling Pathway, organism-specific biosystem;

Function

SH3 domain binding; apolipoprotein E binding; enzyme binding; lipoprotein particle binding; microtubule binding; protein binding; structural constituent of cytoskeleton;