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Anti-Tau Rabbit mAb [82G41]

Catalog No.: A52336

Basic Information

Catalog No. (Cat.No.)	A52336
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Tau,MAPT,MAPTL,MTBT1,TAU,Microtubule-associated protein tau,Neurofibrillary tangle protein,Paired helical filament-tau,PHF-tau

Product Information

Target	Tau
Molecular Weight(Calculated)	79 kDa
Molecular Weight(Observed)	50-80 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	82G41
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:2000-1:10000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Microtubule-associated protein tau
Gene Name	*MAPT*
Domain	NA
Background	MAPT (Tau) is microtubule-associated protein that binds and stabilizes neuronal microtubules to sustain axonal cytoskeleton integrity and axonal transport. Predominantly expressed in neurons, Tau promotes microtubule assembly to maintain axonal architecture and intracellular trafficking. Tau activity is tightly modulated by phosphorylation. Hyper-phosphorylated Tau dissociates from microtubules, misfolds and aggregates into neurofibrillary tangles (NFT), hallmark pathological lesion of Alzheimer's disease and multiple tauopathies.