



Rat Anti-Tau (419-433) monoclonal antibody, clone B27108E (CABT-L5104)

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

PRODUCT INFORMATION

Immunogen	Recombinant C-terminal fragment of human 4R Tau protein encompassing amino acid residues 419-433.
Isotype	IgG2a, κ
Source/Host	Rat
Species Reactivity	Human
Clone	B27108E
Conjugate	Unconjugated
Applications	WB, IHC, ELISA
Format	Purified, Liquid
Concentration	Lot specific
Size	100 µg
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Preservative	0.09% sodium azide.
Storage	The antibody solution should be stored undiluted between 2°C and 8°C.
Ship	Wet ice

BACKGROUND

Introduction	Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity. The C-terminus binds axonal microtubules while the Nterminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both. Axonal polarity is predetermined by tau localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization.
Keywords	Tau/Amino Junction; AI413597; AW045860; DDPAC; Disinhibition Dementia Parkinsonism Amyotrophy Complex; FLJ31424; FTDP 17; FTDP17; G Protein Beta 1 Gamma 2 Subunit Interacting Factor 1; G protein beta1/gamma2 subunit interacting factor 1; MAPT; MAPTL; MGC1
