

Tau

Cat.No. 314 012; Polyclonal rabbit antibody, 200 µl antiserum (lyophilized)

Data Sheet

Reconstitution/ Storage	200 µl antiserum, lyophilized. For reconstitution add 200 µl H ₂ O, then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 (AP staining) IP: not tested yet ICC: not tested yet IHC: yes IHC-P/FFPE: 1 : 500 up to 1 : 1000
Immunogen	Recombinant protein corresponding to AA 1 to 44 from human TauE (UniProt Id: P10636-7)
Reactivity	Reacts with: human (P10636). Other species not tested yet.
Specificity	Specific for tau.
Remarks	The antibody binds phosphorylated and non-phosphorylated tau proteins. This antibody is highly recommended for human tissue.

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

There are two major classes of heat stable microtubule associated proteins (MAPS): MAP 2 (280 kD), and **tau** (55-65 kD). Both protein classes are involved in the regulation of microtubule polymerization in cells. Tau is a neuronal protein that mainly localizes to axons. Hyperphosphorylated tau has been shown to be a major element of paired helical filaments in Alzheimer's disease.

Selected General References

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