

## Rabbit Polyclonal Antibody to Tau

<b>Catalog No.:</b>	RP 095, RP 095-05
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person (s) when evaluating and interpreting results.
<b>Immunogen:</b>	Recombinant protein encoding C-terminal part of human tau.
<b>Host:</b>	Rabbit
<b>Format:</b>	Purified immunoglobulin fraction of rabbit antiserum against Tau containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:50-1:100 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
<b>Staining Protocol:</b>	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Suitable for formalin fixed paraffin tissue sections. No special pretreatment is required.</u>
<b>Specificity:</b>	This antibody reacts with a 45 – 68 kD protein. The brain tissue of Alzheimer's disease is characterized by an abundance of neurofibrillary tangles, neuropil threads, and abnormal neuritis in senile plaques. Tau proteins are microtubule-associate proteins (MAPs), present in the tangles. This antibody stains neurofibrillary tangles, neuropil threads, and neuritic plaques. It also stains astrocytes and ribosomes.
<b>Positive Control:</b>	Alzheimer's disease brain
<b>Cellular Localization:</b>	Cytoplasmic
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	Brion et al. Neuroscience 2: 89, 1990. Butner et al. J Cell Biol 115: 717, 1991. Goedert et al. Proc Natl Acad Sci 85: 4051, 1998.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

1020 Serpentine Lane, # 114, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390

Website: [www.dbiosys.com](http://www.dbiosys.com) e-mail: [customersupport@dbiosys.com](mailto:customersupport@dbiosys.com)