Product **Datasheet**

Anti-TAU Rabbit pAb

WL03184

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-TAU Rabbit pAb
Source	Rabbit
Species reactivity	Human, Mouse, Rat
Tested applications	Western blot 1:1000-1:2000 Immunohistochemistry 1:100-1:400 Immunofluorescence 1:100-1:400
Cellular localization	Cytoplasm. Cell membrane. Cytoplasm. Cell projection.
Pack size	50/100/200/500/1000µl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

Tau is a heterogeneous microtubule-associated protein that promotes and stabilizes microtubule assembly, especially in axons. Phosphorylation decreases the ability of tau to bind to microtubules. Neurofibrillary tangles are a major hallmark of Alzheimer's disease; these tangles are bundles of paired helical filaments composed of hyperphosphorylated tau. Tau is found to be the major component of the paired helical filaments (PHFs) found in the brains of patients with Alzheimer disease (AD). Tau is hyperphosphorylated in PHFs, and specific phosphorylation sites have been implicated in the loss of Taus association with the membrane cortex during AD disease state.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of TAU.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

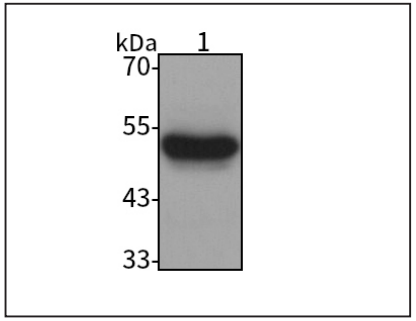
Product **Datasheet**

Anti-TAU Rabbit pAb

WL03184

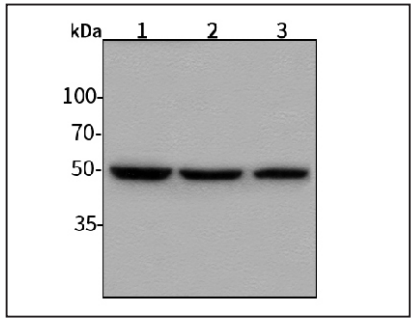
For Research Use Only.Not For Use In Diagnostic Procedures

Product Images



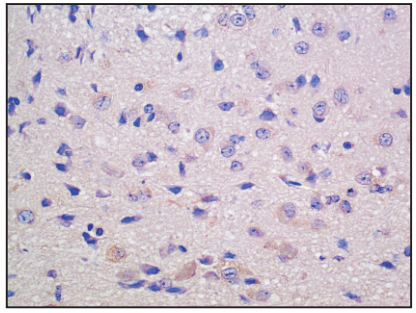
Western blot-Anti-TAU pAb

Lane 1: Human SH-SY5Y cell lysate 30µg
All lanes: Anti-TAU at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 46-80 kDa
Observed band size: 50 kDa



Western blot-Anti-TAU pAb

Lane 1: Mouse cerebellum tissue lysate
Lane 2: Mouse ridge tissue lysate
Lane 3: Rat brain tissue lysate
All lanes: Anti-TAU at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 46-80 kDa
Observed band size: 50 kDa



Immunohistochemistry-Anti-TAU pAb

Sample: Mouse brain tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB

Wanleibio Co.,Ltd. *400-602-0407* *sales@wanleibio.com* *www.wanleibio.com*

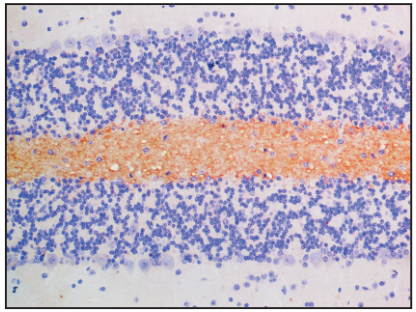
Product **Datasheet**

Anti-TAU Rabbit pAb

WL03184

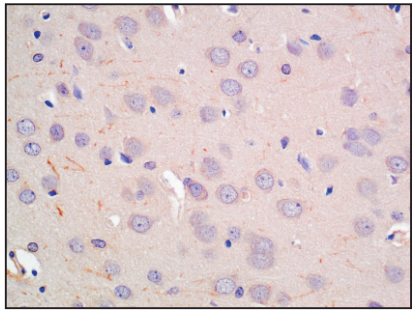
For Research Use Only.Not For Use In Diagnostic Procedures

Product Information



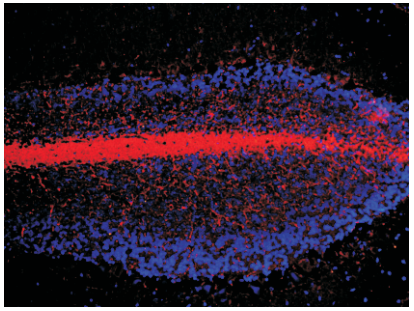
Immunohistochemistry-Anti-TAU pAb

Sample: Mouse cerebellun tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB



Immunohistochemistry-Anti-TAU pAb

Sample: Rat brain tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB



Immunofluorescence-Anti-TAU pAb

Sample: Rat cerebellun tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CY3: 1:200, at room temperature, 1h