

Allgemeine Informationen

Katalog-Nr.: 10274-1-AP	GenBank-Zugangsnummer: BC000558	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 750 µg/ml von Nanodrop;	GeneID (NCBI): 4137	Empfohlene Verdünnungen: WB 1:2000-1:12000 IHC 1:20-1:200 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: microtubule-associated protein tau	
Isotyp: IgG	Berechnete Masse: 37-46, 79-81 kDa	
Immunogen Katalognummer: AG0354	Beobachtete Masse: 45-70 kDa, 100 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte, Ziege

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : Maushirngewebe, rat brain

IHC : humanes Hirngewebe, humanes Gliomgewebe

IF : Maushirngewebe,

Hintergrundinformationen

Tau (tubulin-associated unit) is a microtubule-associated protein (also known as MAPT), expressed mainly in neurons of the central nervous system. Its primary function is to modulate microtubule dynamics for maintaining axonal cytoskeleton. Various isoforms of Tau exist due to the alternative splicing, and short isoforms around 45-69 kDa and long isoforms around 100-110 kDa have been reported in different literature (8752131,15965697). Present polyclonal anti-Tau antibody was produced by immunizing animals with N-terminal of Tau and can detect approx 45-70 kDa and 100-kDa bands in brain tissues.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Fayi Nie	33113163	J Neurochem	WB
Shenya Xu	33183805	Sci Total Environ	WB, IHC
Jie Ai	33131696	Free Radic Biol Med	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

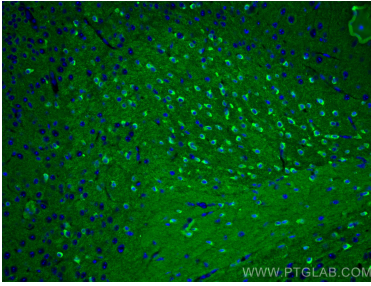
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

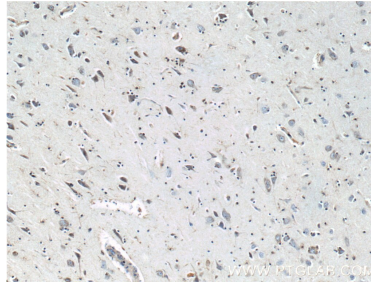
E: proteintech@ptglab.com
W: ptglab.com

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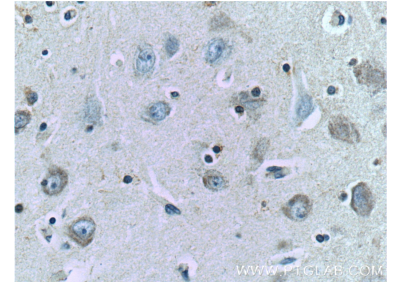
Ausgewählte Validierungsdaten



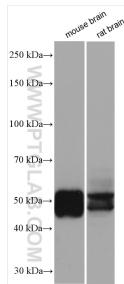
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using TAU antibody (10274-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 10274-1-AP (TAU Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 10274-1-AP (TAU Antibody) at dilution of 1:200 (under 40x lens).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10274-1-AP (TAU antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.