Nur für Forschungszwecke

Beta Tubulin Polyklonaler Antikörper

Katalog-Nr.:10094-1-AP 628 Publikationen

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Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
10094-1-AP

Größe:
150ul , Konzentration: 400 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG0136

GenBank-Zugangsnummer:
BC000748

GeneID (NCBI):
10381

Vollständiger Name:
tubulin, beta 3

Berechneté Masse:
50 kDa

Beobachteté Masse:
55 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:2000-1:12000
IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
IHC 1:20-1:200
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
CoIP, IF, IHC, IP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Fisch, Hamster, Hausschwein, Huhn, Human, Maus, Ratte, Rind, Ziege

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

Positivkontrollen:

WB : U-251-Zellen, HEK-293-Zellen, Maushirngewebe, Mausnierengewebe, Rattenhirngewebe, Rattennierengewebe

IP : Maushirngewebe,

IHC : Rattenhirngewebe, humanes Cerebellum-Gewebe, humanes Kolongewebe, Maushirngewebe, Rattenhodengewebe

IF : HepG2-Zellen,

Hintergrundinformationen

There are five tubulins in human cells: alpha, beta, gamma, delta, and epsilon. Tubulins are conserved across species. They form heterodimers, which multimerize to form a microtubule filament. An alpha and beta tubulin heterodimer is the basic structural unit of microtubules. The heterodimer does not come apart, once formed. The alpha and beta tubulins, which are each about 55 kDa MW, are homologous but not identical. Alpha, beta, and gamma tubulins have all been used as loading controls. Tubulin expression may vary according to resistance to antimicrobial and antimitotic drugs.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Shasha Nie	36231051	Cells	WB
Yu Wang	34658758	Front Neurosci	WB
Xudong Zhu	33162805	Int J Med Sci	WB

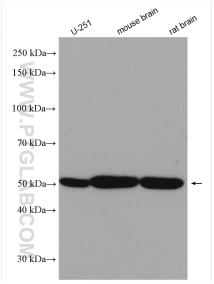
Lagerung

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

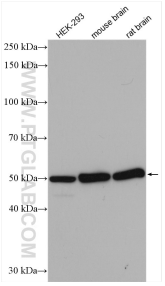
*** 20ul-Größen enthalten 0.1% BSA

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

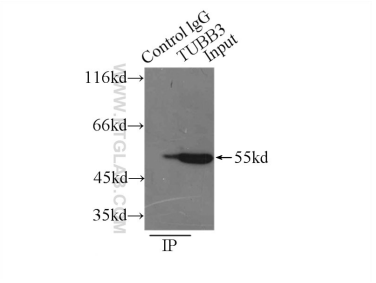
Ausgewählte Validierungsdaten



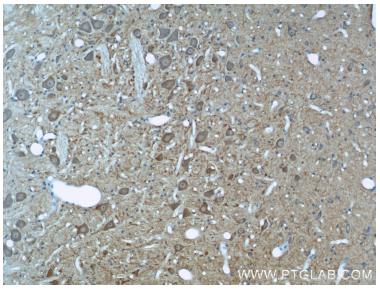
Various lysates were subjected to SDS PAGE followed by western blot with 10094-1-AP (Beta Tubulin antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



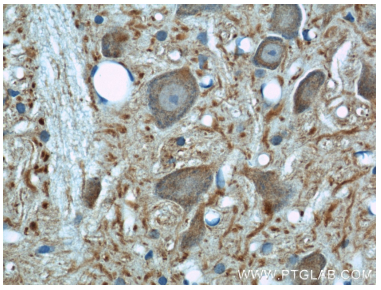
Various lysates were subjected to SDS PAGE followed by western blot with 10094-1-AP (beta Tubulin antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



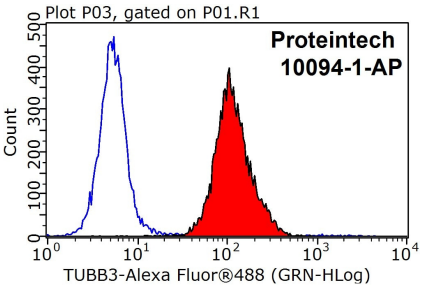
IP Result of anti-beta Tubulin (IP:10094-1-AP, 3ug; Detection:10094-1-AP 1:1000) with mouse brain tissue lysate 7500ug.



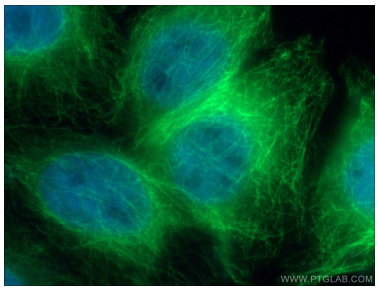
Immunohistochemical analysis of paraffin-embedded rat brain using 10094-1-AP (beta Tubulin antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded rat brain using 10094-1-AP (beta Tubulin antibody) at dilution of 1:50 (under 40x lens).



1X10^6 HepG2 cells were stained with 0.2ug beta Tubulin antibody (10094-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 10094-1-AP (beta Tubulin antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).