

Nur für Forschungszwecke

14-3-3 Polyklonaler Antikörper

Katalog-Nr.: 14503-1-AP

Vorgestelltes Produkt

13 Publikationen



Allgemeine Informationen

Katalog-Nr.:
14503-1-AP

Größe:
150ul, Konzentration: 307 µg/ml von
Nanodrop und 307 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG5959

GenBank-Zugangsnummer:
BC056867

GeneID (NCBI):
10971

Vollständiger Name:
tyrosine 3-
monooxygenase/tryptophan 5-
monooxygenase activation protein,
theta polypeptide

Berechnete Masse:
28 kDa

Beobachtete Masse:
31 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:1000-1:4000
IP 0.5-4.0 ug für IP und 1:500-1:1000
für WB
IHC 1:20-1:200
IF 1:20-1:200

Anwendungen

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

In Publikationen genannte Anwendungen:

CoIP, IHC, IP, RIP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

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

Positivkontrollen:

WB: HeLa-Zellen, C6-Zellen, Jurkat-Zellen,
Mausherzgewebe, Maushirngewebe,
Mauslebergewebe, NIH/3T3-Zellen,
Rattenlebergewebe

IP: Mauslungengewebe,

IHC: Maushirngewebe, humanes Hodengewebe

IF: HepG2-Zellen,

Hintergrundinformationen

14-3-3 proteins are the first phosphoserine/phosphothreonine-binding proteins to be discovered. 14-3-3 family members interact with a wide spectrum of proteins and possess diverse functions. Mammals express seven distinct 14-3-3 isoforms (gamma, epsilon, beta, zeta, sigma, theta, tau) that form multiple homo- and hetero- dimmers. 14-3-3 proteins display the highest expression levels in the brain, and have been implicated in several neurodegenerative diseases, including Alzheimer's disease and amyotrophic lateral sclerosis.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xiaopei Hao	36131287	J Exp Clin Cancer Res	WB, CoIP, RIP
Radia Forteza	31664880	Mol Biol Cell	IP
Hikari Tanaka	34635772	Commun Biol	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

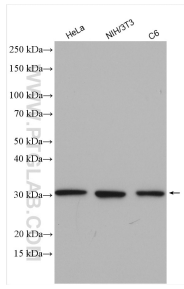
For technical support and original validation data for this product please contact:

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

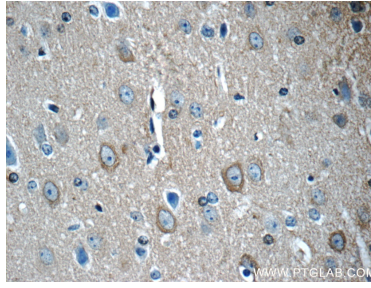
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech
Group brand and is not available to purchase from any
other manufacturer.

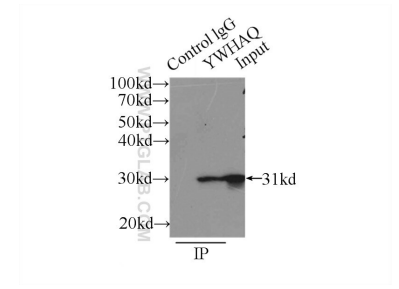
Ausgewählte Validierungsdaten



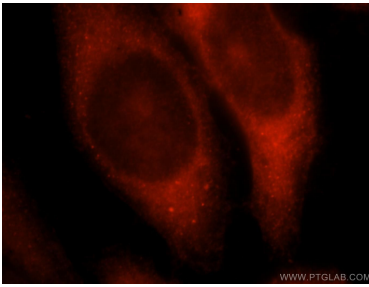
Various lysates were subjected to SDS PAGE followed by western blot with 14503-1-AP (14-3-3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



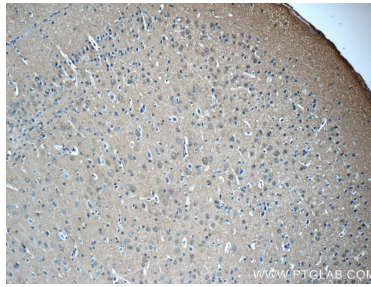
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14503-1-AP (14-3-3 Antibody) at dilution of 1:50 (under 40x lens).



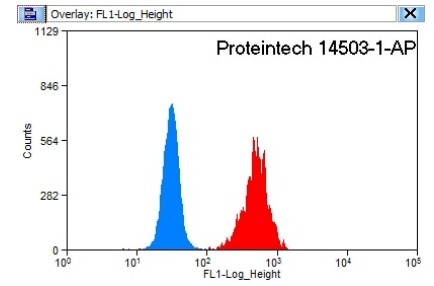
IP Result of anti-14-3-3 (IP:14503-1-AP, 5ug; Detection:14503-1-AP 1:500) with mouse lung tissue lysate 4000ug.



Immunofluorescent analysis of HepG2 cells, using YWHAQ antibody 14503-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14503-1-AP (14-3-3 Antibody) at dilution of 1:50 (under 10x lens).



1X10⁶ HeLa cells were stained with 0.2ug 14-3-3 antibody (14503-1-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 1:1500.