Nur für Forschungszwecke

# 14-3-3 Epsilon Polyklonaler Antikörper

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Katalog-Nr.:11648-2-AP Vorgestelltes Produkt 15 Publikationen

## Allgemeine Informationen

Katalog-Nr.:
11648-2-AP

Größe:
150ul , Konzentration: 400 μg/ml von Nanodrop und 300 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG2247

GenBank-Zugangsnummer:
BC000179

GeneID (NCBI):
7531

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

Berechneté Masse:
255 aa, 29 kDa

Beobachteté Masse:
29-32 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:5000
IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
IHC 1:50-1:500
IF 1:10-1:100

## Anwendungen

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

In Publikationen genannte Anwendungen:
IF, IP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus

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

Positivkontrollen:

WB : A375-Zellen, HeLa-Zellen

IP : A375-Zellen,

IHC : humanes Lungenkarzinomgewebe, humanes Gliomgewebe, Maushirngewebe

IF : HepG2-Zellen,

## Hintergrundinformationen

14-3-3 Epsilon (also known as YWHAE) is a member of 14-3-3 proteins which were 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. This antibody was raised against full-length 14-3-3 Epsilon.

## Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|---|---|---|---|
| Nerea Ugidos | 31620119 | Front Immunol | WB,IF |
| Kun Lu | 29285195 | Oncol Lett | WB,IF |
| Chihiro Tohda | 34054554 | Front Pharmacol | IP, WB |

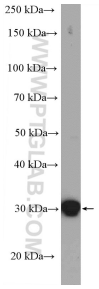
## Lagerung

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

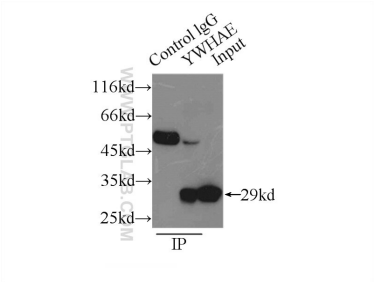
*** 20ul-Größen enthalten 0.1% BSA

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

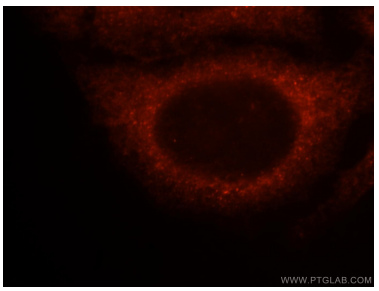
## Ausgewählte Validierungsdaten



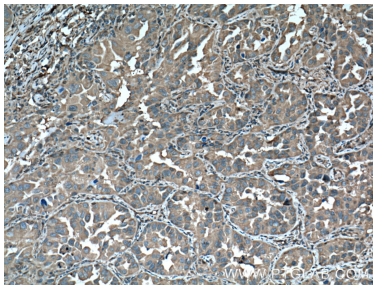

A375 cells were subjected to SDS PAGE followed by western blot with 11648-2-AP (14-3-3 epsilon antibody at dilution of 1:3000 incubated at room temperature for 1.5 hours.



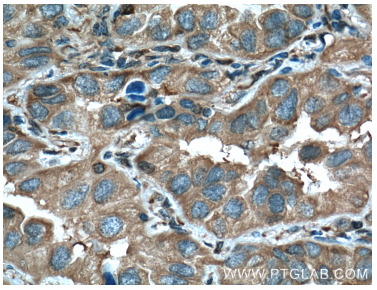

IP Result of anti-14-3-3 epsilon (IP:11648-2-AP, 3ug; Detection:11648-2-AP 1:1000) with A375 cells lysate 6000ug.



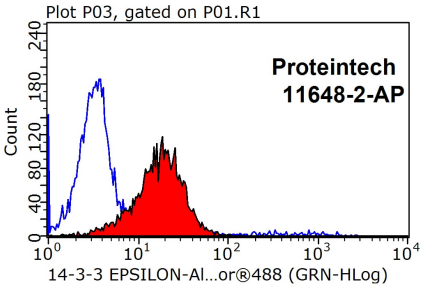

Immunofluorescent analysis of HepG2 cells, using YWHAE antibody 11648-2-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11648-2-AP (14-3-3 epsilon antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).




Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11648-2-AP (14-3-3 epsilon antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).




1X10^6 HepG2 cells were stained with 0.2ug 14-3-3 epsilon antibody (11648-2-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.