

Nur für Forschungszwecke

# TXNIP Polyklonaler Antikörper

Katalog-Nr.:18243-1-AP

Vorgestelltes Produkt

57 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
18243-1-AP

Größe:

150ul, Konzentration: 300 µg/ml von Nanodrop und 213 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG13009

GenBank-Zugangsnummer:

BC093702

GeneID (NCBI):

10628

Vollständiger Name:

thioredoxin interacting protein

Berechnete Masse:

391 aa, 44 kDa

Beobachtete Masse:

50-55 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

IHC 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus

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: HL-60-Zellen, K-562-Zellen, MCF-7-Zellen, PC-12-Zellen

IHC: humanes Nierengewebe, Mausnierengewebe

## Hintergrundinformationen

TXNIP, also known as VDUP-1 or TBP-2, belongs to alpha-arrestin protein family and is perhaps the only family member known to bind thioredoxin (TRX). TXNIP was induced by Vitamin D3, but not induced by another monocyte or macrophage differentiation inducer: phorbol 12-myristate 13-acetate (PMA). TXNIP bound catalytic active center of thioredoxin (TRX), which protected cells against oxidative stress. TXNIP was found to be a negative regulator of thioredoxin activity and inducer of the intracellular level of reactive oxygen species (ROS). TXNIP plays an important role in a wide variety of biological functions, such as the regulation of cell death, growth, differentiation, and energy metabolism.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Rui Ding	32980492	Neurochem Int	IF
Xiang Ren	28944891	Mol Med Rep	WB
Feng Zhou	30429827	Front Endocrinol (Lausanne)	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

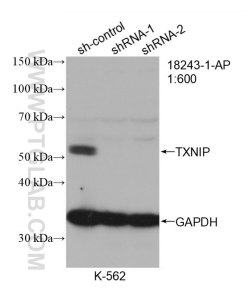
For technical support and original validation data for this product please contact:

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

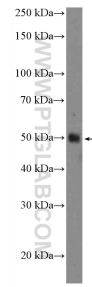
E: proteintech@ptglab.com  
W: ptglab.com

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

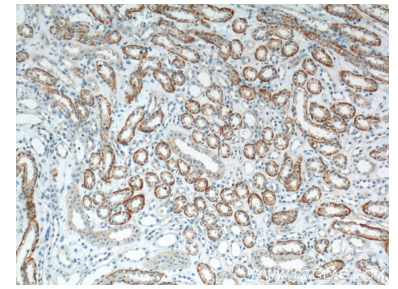
## Ausgewählte Validierungsdaten



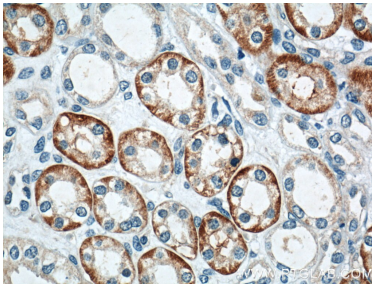
WB result of TXNIP antibody (18243-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-TXNIP transfected K-562 cells.



HL-60 cells were subjected to SDS PAGE followed by western blot with 18243-1-AP (TXNIP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18243-1-AP (TXNIP Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18243-1-AP (TXNIP Antibody) at dilution of 1:200 (under 40x lens).