

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Thioredoxin



Numéro de catalogue: 14999-1-AP

Phare

68 Publications

Informations de base

Numéro de catalogue: 14999-1-AP	Numéro d'acquisition GenBank: BC003377	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 700 µg/ml by Nanodrop;	Identification du gène (NCBI): 7295	Dilutions recommandées: WB 1:1000-1:9000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: thioredoxin	
Isotype: IgG	MW calculé: 12 kDa	
Immunogen Catalog Number: AG6989	MW observés: 12 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

CoIP, ELISA, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, poulet, rat, souris

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, cellules Jurkat, cellules K562, cellules MCF-7

IHC : tissu de cancer du foie humain, tissu de tumeur ovarienne humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

TXN, TRDX, TRX, TRX1, ADF and SASP, belongs to the thioredoxin family. It participates in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyzes dithiol-disulfide exchange reactions. TXN plays a role in the reversible S-nitrosylation of cysteine residues in target proteins, and thereby contributes to the response to intracellular nitric oxide. Nitrosylates the active site Cys of CASP3 in response to nitric oxide (NO), and thereby inhibits caspase-3 activity. TXN induces the FOS/JUN AP-1 DNA-binding activity in ionizing radiation (IR) cells through its oxidation/reduction status and stimulates AP-1 transcriptional activity.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ningning Guo	30240785	Neuropharmacology	WB
Jie Yang	28957736	J Inorg Biochem	WB
Wenjun Wang	32982756	Front Pharmacol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

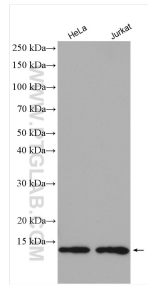
For technical support and original validation data for this product please contact:

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

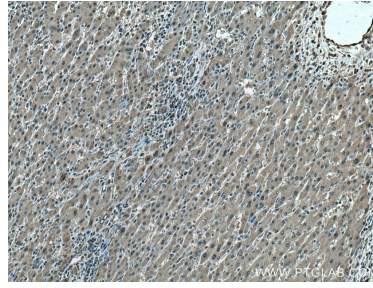
E: proteintech@ptglab.com
W: ptglab.com

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

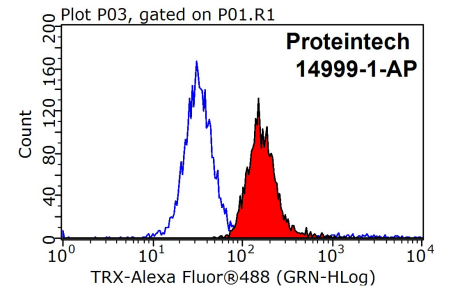
Données de validation sélectionnées



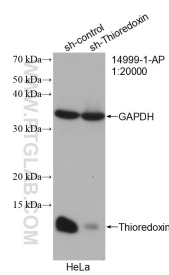
Various lysates were subjected to SDS PAGE followed by western blot with 14999-1-AP (Thioredoxin antibody) at dilution of 1:4500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14999-1-AP (Thioredoxin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HeLa cells were stained with 0.2ug Thioredoxin antibody (14999-1-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.



WB result of Thioredoxin antibody (14999-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Thioredoxin transfected HeLa cells.