

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Thioredoxin



Numéro de catalogue: **CL647-14999**

Phare

## Informations de base

|   |   |   |
|---|---|---|
| Numéro de catalogue:<br>CL647-14999                       | Numéro d'acquisition GenBank:<br>BC003377 | Méthode de purification:<br>Purification par affinité contre l'antigène |
| Taille:<br>100ul , Concentration: 1000 µg/ml by Nanodrop; | Identification du gène (NCBI):<br>7295    | Excitation/Emission maxima wavelengths:<br>654 nm / 674 nm              |
| Hôte:<br>Lapin  | Nom complet:<br>thioredoxin               |   |
| Isotype:<br>IgG   | MW calculé<br>12 kDa                      |   |
| Immunogen Catalog Number:<br>AG6989                       | MW observés:<br>12 kDa                    |   |

## Applications

Applications testées:  
FC (Intra)

Spécificité de l'espèce:  
Humain, rat, souris

## 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.

## Stockage

Stockage:  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

Tampon de stockage:  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.

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

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

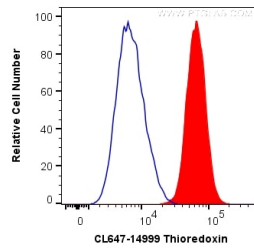
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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## Données de validation sélectionnées



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human Thioredoxin (CL647-14999) (red), or 0.2 ug isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).