

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-NRF2, NFE2L2



Numéro de catalogue: **CL594-16396**

Phare

1 Publications

## Informations de base

Numéro de catalogue: CL594-16396	Numéro d'acquisition GenBank: BC011558	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 4780	Dilutions recommandées: IF 1:50-1:500
Hôte: Lapin	Nom complet: nuclear factor (erythroid-derived 2)-like 2	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG	MW calculé: 605 aa, 68 kDa	
Immunogen Catalog Number: AG9489	MW observés: 110 kDa	

## Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules HepG2,
Demandes citées: IF	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: rat	

## Informations générales

NRF2, also named as NFE2L2, belongs to the bZIP family and CNC subfamily. It is a transcription activator that binds to antioxidant response (ARE) elements in the promoter regions of target genes. NRF2 is important for the coordinated up-regulation of genes in response to oxidative stress. It may be involved in the transcriptional activation of genes of the beta-globin cluster by mediating enhancer activity of hypersensitive site 2 of the beta-globin locus control region. Nrf2 is a key player in the regulation of genes encoding for many antioxidative response enzymes. The expression of NRF2 may be induced under oxidative stress (PMID:14567983). In lung cancer, Nrf2 activation in malignant cells has been associated with tumor progression and chemotherapy resistance (PMID:20534738). Identifying patients with abnormal NRF2 expression may be important for selection for chemotherapy in NSCLC. As new investigators break into the emerging field of Nrf2 research, confusion regarding the correct migratory pattern of Nrf2 is causing doubts about the accuracy and reproducibility of published results. This letter provides solid evidence that the actually observed molecular weight of Nrf2 is about 70kDa and 95-110 kDa. (PMID: 22703241).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Qi Li	36974993	Am J Chin Med	IF

## Stockage

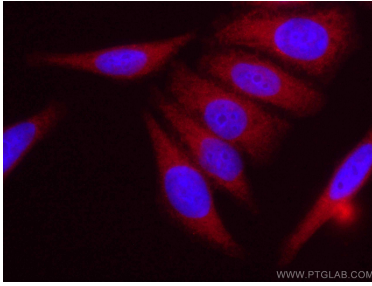
Stockage:  
Stocker à -20 °C. Éviter toute exposition à la lumière.  
Tampon de stockage:  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

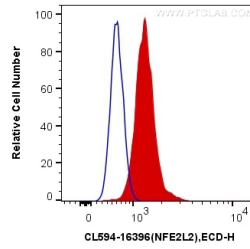
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

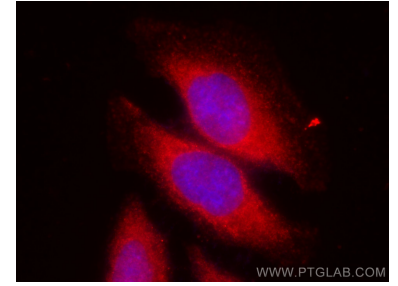
## Données de validation sélectionnées



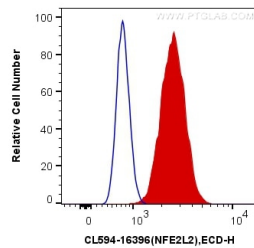
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite@594 NRF2, NFE2L2 antibody (CL594-16396) at dilution of 1:100.



1X10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.2 ug CoraLite@594 Anti-Human NRF2, NFE2L2 (CL594-16396) (red), or 0.2 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite@594 NRF2, NFE2L2 antibody (CL594-16396) at dilution of 1:200.



1X10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.4 ug CoraLite@594 Anti-Human NRF2, NFE2L2 (CL594-16396) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).