

nrf2(Phospho-S40) Antibody

Catalog No: #12811

Package Size: #12811 100ul

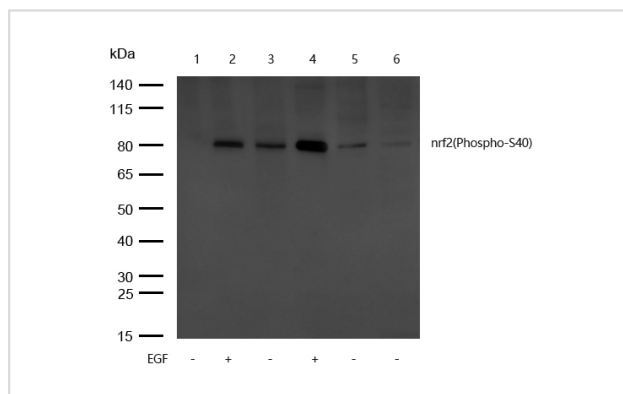
Description

Product Name	nrf2(Phospho-S40) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity purification using immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	nrf2(Phospho-S40) Antibody detects endogenous levels of nrf2 only when phosphorylated at S40
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human nrf2 around the phosphorylation site of S40.
Conjugates	Unconjugated
Target Name	nrf2(Phospho-S40)
Modification	Phospho
Other Names	NFE2L2, NF-E2-related factor 2, NFE2-related factor 2, NRF2
Accession No.	Swiss-Prot#: Q16236NCBI Gene ID: 4780
Target Species	human
Calculated MW	68 kDa
SDS-PAGE MW	80 kDa
Concentration	1.0mg/mL
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000-3000

Images



All lanes: nrf2(Phospho-S40) Rabbit mAb at 1/1k dilution
 Lane 1 : HepG2 whole cell lysates
 Lane 2 : HepG2 treated with 100ng/ml EGF for 15min whole cell lysates
 Lane 3 : HeLa whole cell lysates
 Lane 4 : HeLa treated with 100ng/ml EGF for 15min whole cell lysates
 Lane 5 : Mouse brain lysates
 Lane 6 : Rat brain lysates
 Lysates/proteins at 20 µg per lane.
 Secondary: Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 68 kDa
 Observed band size: 80 kDa
 Exposure time: 7 seconds

Published Papers

el at., Cocoa ameliorates renal Injury In Zucker diabetic fatty rats by preventing oxidative stress, apoptosis and Inactivation of autophagy. In Food Funct on 2019 Dec 11 by ?lvarez-Cilleros D , L pez-Oliva ME ,et al..PMID: 31773121, , (2019)

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el at., Supplementation with a Cocoaβ Carob Blend, Alone or in Combination with Metformin, Attenuates Diabetic Cardiomyopathy, Cardiac Oxidative Stress and Inflammation in Zucker Diabetic Rats. In Antioxidants (Basel) on 2022 Feb 21 by Esther GarcΓ-a-DΓ-ez, MarΓ-a Elvira LΓ³pez-Oliva, et al..PMID:35204314, , (2022)

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el at., Demethylcalabaxanthone from Garcinia mangostana Exerts Antioxidant Effects through the Activation of the Nrf2 Pathway as Assessed via Molecular Docking and Biological EvaluationInAntioxidants (Basel)On2023 Nov 7bySimona De Vita?1,?Milena Masullo et al..PMID:?38001833, , (2023)

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el at., Oxidative stress responses and their alterations in the Nrf2-NMDA receptor pathway in the brain of suicide victimsInJ Physiol PharmacolOn2023 JunbyP Panczyszyn-Trzewik et al..PMID:?37661185, , (2023)

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el at., Dietary Supplementation with a Cocoaβ Carob Blend Modulates Gut Microbiota and Prevents Intestinal Oxidative Stress and Barrier Dysfunction in Zucker Diabetic Rats InAntioxidants (Basel)On2023 AugbyEsther GarcΓ-a-DΓ-ez,MarΓ-a Elvira LΓ³pez-Oliva et al..PMID:37627514, , (2023)

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el at., Cocoa and Carob Supplementation, Alone or in Combination with Metformin, Protects against Hepatorenal Injury in Zucker Diabetic Fatty Rats. In Nutrients on 2024 Sep 13 by Esther GarcΓ-a-DΓ-ez, MarΓ-a Elvira LΓ³pez-Oliva,et al..PMID:39339687, , (2024)

[PMID:39339687](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.