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Datasheet for ABIN6972449
anti-NRF1 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	NRF1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NRF1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This antibody was raised against a peptide within the C-terminal region of human NRF1.
Isotype:	IgG
Characteristics:	NRF1 (Nuclear Respiratory Factor 1) is a transcription factor that activates the expression of the EIF2S1 (EIF2-alpha) gene. Links the transcriptional modulation of key metabolic genes to cellular growth and development. Implicated in the control of nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication. NRF1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human and Mouse samples.
Purification:	Affinity Purified

Target Details

Target: NRF1

Alternative Name: NRF1 ([NRF1 Products](#))

Molecular Weight: 68 kDa

NCBI Accession: [NP_001280092](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.

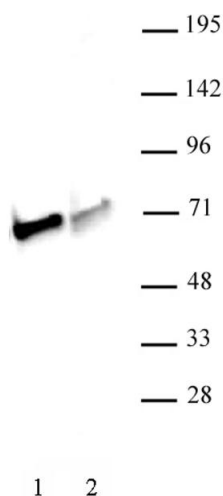
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.

Images



Western Blotting

Image 1. NRF1 antibody (pAb) tested by Western blot. Nuclear extract (30 µg) of C2C12 (Lane 1) and HepG2 cells (Lane 2) probed with NRF1 antibody at a 1:500 dilution.