

NRF1

Reactivity:Human

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:54kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human NRF1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

hi

Synonym:

NRF1; ALPHA-PAL; Nuclear respiratory factor 1; Alpha palindromic-binding protein;

Catalog #:A5264

Antibody Type:

Monoclonal Antibody

Species:Mouse

Gene ID:4899

Isotype:IgG

Swiss Prot:Q16656

Purity:Affinity purification

For research use only.

Background:

This gene encodes a protein that homodimerizes and functions as a transcription factor which activates the expression of some key metabolic genes regulating cellular growth and nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication. The protein has also been associated with the regulation of neurite outgrowth. Alternate transcriptional splice variants, which encode the same protein, have been characterized. Additional variants encoding different protein isoforms have been described but they have not been fully characterized. Confusion has occurred in bibliographic databases due to the shared symbol of NRF1 for this gene and for "nuclear factor (erythroid-derived 2)-like 1" which has an official symbol of NFE2L1.

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