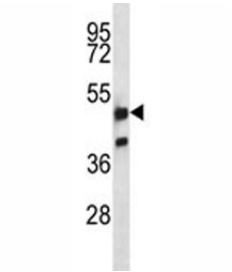
NRF1 Antibody / Nuclear Respiratory Factor 1 (F43927)

Catalog No.	Formulation	Size
F43927-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43927-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Zebrafish
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q16656
Applications	Western blot: 1:1000
Limitations	This NRF1 antibody is available for research use only.



NRF1 antibody western blot analysis in K562 lysate. Expected molecular weight: isoforms from 45-67 kDa.

Description

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.

Application Notes

Titration of the NRF1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 226-255 from the human protein was used as the immunogen for this NRF1 antibody.

Storage

Aliquot the NRF1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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