Product Datasheet

NRF1 Antibody

Catalog No: #32900

Package Size: #32900-1 50ul #32900-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

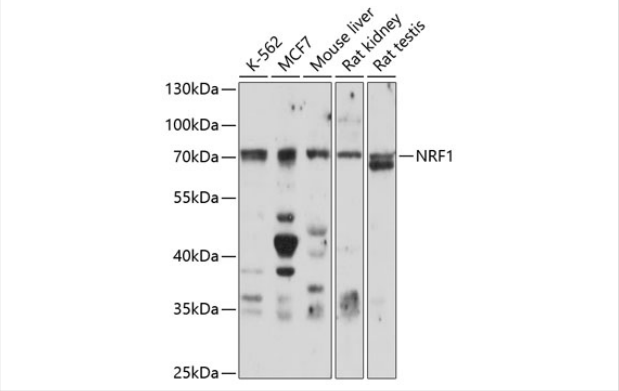
Product Name	NRF1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total NRF1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human NRF1.
Target Name	NRF1
Other Names	ALPHA-PAL;
Accession No.	Swiss-Prot:Q16656NCBI Gene ID:4899
Uniprot	Q16656
GeneID	4899;
SDS-PAGE MW	53KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

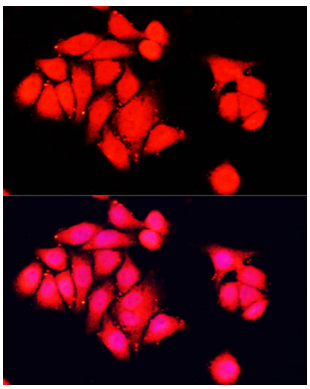
Western blotting: 1:500 - 1:2000

Immunohistochemistry: 1:50 - 1:200

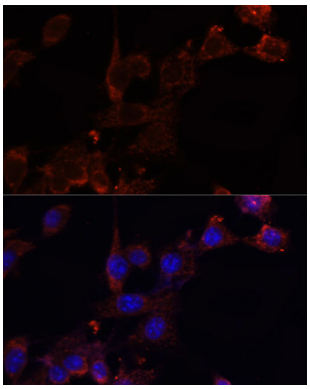
Images



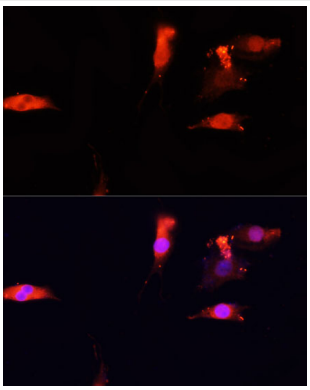
Western blot analysis of extracts of various cell lines, using NRF1 antibody at 1:1000 dilution.



Immunofluorescence analysis of HeLa cells using NRF1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using NRF1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC12 cells using NRF1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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.

Note: This product is for in vitro research use only