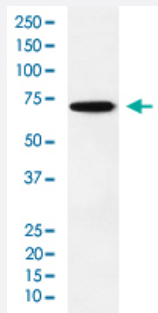


# NRF1 monoclonal antibody, clone ADGI-14

Catalog # MAB22156      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of NRF1 in HeLa cell lysate.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of human NRF1.
<b>Immunogen</b>	A synthetic peptide corresponding to human NRF1.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody reacts with human NRF1, in native form and recombinant. Superfamily members of NRF1 are not reactive to this antibody.
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG

**Recommend Usage**

Flow Cytometry (1:50)  
Immunocytochemistry (1:50-1:200)  
Immunofluorescence(1:50-1:200)  
Immunohistochemistry (1:50-1:200)  
Immunoprecipitation (1:50)  
Western Blot (1:500-1:2000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer**

In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

**Storage Instruction**

Store at -20°C for one year.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western Blot analysis of NRF1 in HeLa cell lysate.

- Immunohistochemistry

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

## Gene Info — NRF1

**Entrez GeneID**

[4899](#)

**Protein Accession#**

[Q16656](#)

**Gene Name**

NRF1

**Gene Alias**

ALPHA-PAL

**Gene Description**

nuclear respiratory factor 1

Omim ID [600879](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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. [provided by RefSeq]

Other Designations OTTHUMP00000184912|alpha palindromic-binding protein

## Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)