

# NRF1 Rabbit pAb

Catalog No.: A5547

14 Publications

## Basic Information

**Observed MW**

70kDa

**Calculated MW**

54kDa

**Category**

Primary antibody

**Applications**

WB, ELISA, ChIP

**Cross-Reactivity**

Human, Mouse, Rat

## 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. Alternative splicing results in multiple transcript variants. 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.

## Recommended Dilutions

**WB** 1:500 - 1:1000**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.**ChIP** 5µg antibody for 10µg-15µg of Chromatin

## Immunogen Information

**Gene ID**

4899

**Swiss Prot**

Q16656

**Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

**Synonyms**

ALPHA-PAL; NRF1

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data

