

# NRF2 Rabbit mAb

Catalog No.: A21176

Recombinant

13 Publications

## Basic Information

### Observed MW

97-110kDa

### Calculated MW

68kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC50393

## Background

This gene encodes a transcription factor which is a member of a small family of basic leucine zipper (bZIP) proteins. The encoded transcription factor regulates genes which contain antioxidant response elements (ARE) in their promoters; many of these genes encode proteins involved in response to injury and inflammation which includes the production of free radicals. Multiple transcript variants encoding different isoforms have been characterized for this gene.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

4780

### Swiss Prot

Q16236

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 243-400 of human NRF2 (NP\_006155.2).

### Synonyms

NRF2; HEBP1; Nrf-2; IMDDHH

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

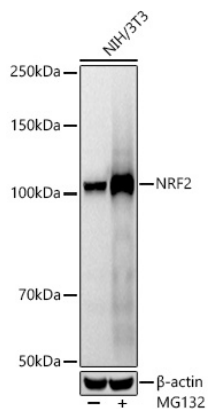
Affinity purification

### Storage

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

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

## Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using NRF2 Rabbit mAb (A21176) at 1:1000 dilution. NIH/3T3 cells were treated by MG132 (50  $\mu$ M) at 37°C for 90 minutes.

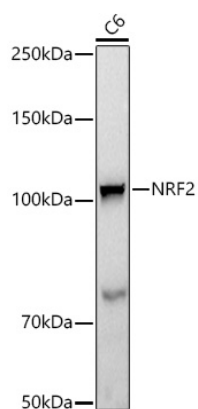
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25  $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Western blot analysis of lysates from C6 cells, using NRF2 Rabbit mAb (A21176) at 1:1000 dilution.

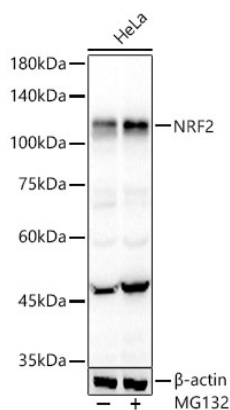
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25  $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Western blot analysis lysates from HeLa, using NRF2 Rabbit mAb (A21176) at 1:1000 dilution. HeLa cells were treated by MG132 (50  $\mu$ M) at 37°C for 90 minutes.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25  $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.