

A3577

Leader in Biomolecular Solutions for Life Science



## [KO Validated] NRF2 Rabbit mAb

Catalog No.: A3577

**KO Validated**

**Recombinant**

**4 Publications**

### Basic Information

#### Observed MW

103kDa

#### Calculated MW

68kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB,IP,ChIP,ELISA

#### Cross-Reactivity

Human

#### CloneNo number

ARC0806

### 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

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

**ChIP** 5µg antibody for  
5µg-10µg of Chromatin

### Immunogen Information

#### Gene ID

4780

#### Swiss Prot

Q16236

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 505-605 of human NRF2 (NP\_006155.2).

#### Synonyms

NRF2; HEBP1; Nrf-2; IMDDHH; F2

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Chromatin immunoprecipitation was performed with cross-linked chromatin from HepG2 cells, using Nrf2 Rabbit mAb (A3577) and rabbit IgG (AC042). The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram compares the ratio of the immunoprecipitated DNA versus the input.

