

Phospho-NRF2-S40 Rabbit pAb

Catalog No.: AP1167 **2 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

68kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human

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 - 1:2000

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

4780

Swiss Prot

Q16236

Immunogen

A synthetic phosphorylated peptide around S40 of human NRF2 (NP_006155.2).

Synonyms

NRF2; HEBP1; Nrf-2; IMDDHH; Phospho-NRF2-S40

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

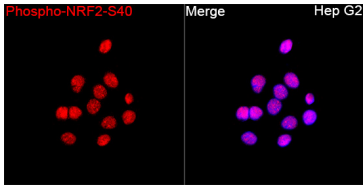
Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of Hep G2 cells using Phospho-NRF2-S40 Rabbit pAb (AP1167) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.