Phospho-NRF2-S40 Rabbit mAb

Catalog No.: AP1133 Recombinant 26 Publications



Basic Information

Observed MW

97-110 kDa

Calculated MW

68 kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0283

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

IHC-P 1:500 - 1:2000

Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot 4780 Q16236

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

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

Contact

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Product Information

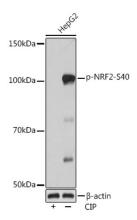
SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using Phospho-NRF2-S40 Rabbit mAb (A4859) at 1:1000 dilution. HepG2 cells were treated by CIP(20uL/400ul) at 37°C for 1 hour.

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

Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.