A25327

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[KO Validated] NRF2 Rabbit mAb

Catalog No.: A25327 KO Validated Recombinant 7 Publications

Basic Information

Observed MW
97-100kDa

Calculated MW
68kDa

Category
Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human

Clone number
ARC3264

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

Synonyms
NRF2; HEBP1; Nrf-2; IMDDHH

Contact

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Product Information

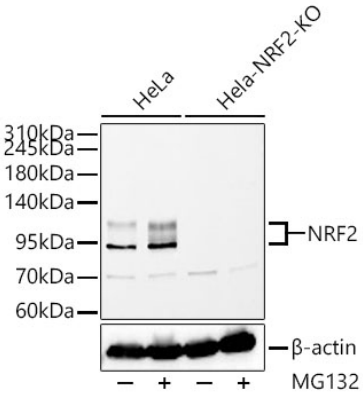
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from HeLa cells using NRF2 Rabbit mAb (A25327) at 1:500 dilution. Wild type (WT) and NRF2 knockout (KO) HeLa cells were treated with MG132(50 μM) at 37℃ for 90 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 30 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.

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