NRF2 Rabbit pAb

Catalog No.: A11159 16 Publications



Basic Information

Observed MW

97-100kDa

Calculated MW

68kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

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

IHC-P 1:50 - 1:200

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 Swiss Prot 4780 Q16236

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

NRF2; HEBP1; Nrf-2; IMDDHH

Contact

a	400-999-6126
×	cn.market@abclonal.com.cn
$\overline{\mathfrak{S}}$	www.abclonal.com.cn

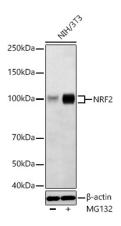
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

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



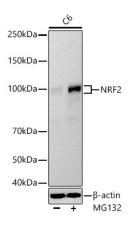
Western blot analysis of lysates from NIH/3T3 cells using NRF2 Rabbit pAb (A11159) at 1:1000 dilution incubated overnight at 4°C. NIH/3T3 cells were treated with MG132(10 μ M) at 37°C for 90 minutes.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $30 \mu g$ per lane.

Blocking buffer: 3 % nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45s.

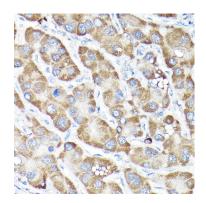


Western blot analysis of lysates from C6 cells using NRF2 Rabbit pAb (A11159) at 1:1000 dilution incubated overnight at 4°C. C6 cells were treated with MG132(10 μ M) at 37°C for 90 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 μ g per lane.

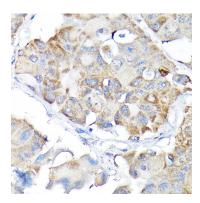
Blocking buffer: 3 % nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

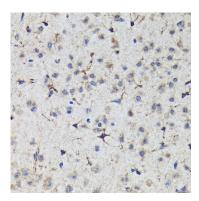
Exposure time: 20s.



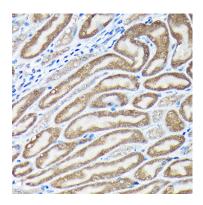
Immunohistochemistry analysis of paraffinembedded Human liver cancer using NRF2 Rabbit pAb (A11159) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



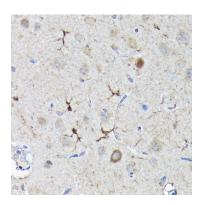
Immunohistochemistry analysis of paraffinembedded Human lung cancer using NRF2 Rabbit pAb (A11159) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



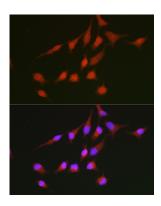
Immunohistochemistry analysis of paraffinembedded Mouse brain using NRF2 Rabbit pAb (A11159) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse kidney using NRF2 Rabbit pAb (A11159) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat brain using NRF2 Rabbit pAb (A11159) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of HeLa cells using NRF2 Rabbit pAb (A11159) at 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.