

NRF2 Polyclonal Antibody

catalog number: **E-AB-68254**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

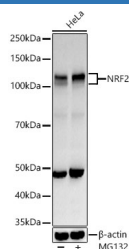
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human NRF2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:50-1:200

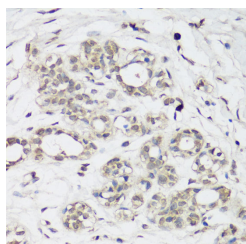
Data



Western blot analysis of various lysates using NRF2 Polyclonal Antibody at ARC50393-02 dilution. HeLa cells were treated by MG132 (50 μ M) at 37°C for 90 minutes.

Observed-MW: 97-100 kDa

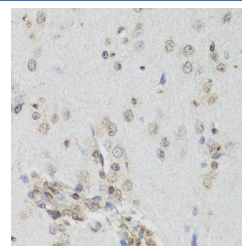
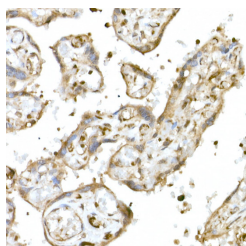
Calculated-MW: 65 kDa/66 kDa/67 kDa



Western blot analysis of various lysates using NRF2 Polyclonal antibody at dilution. C6 cells were treated by MG132 (50 μ M) at 37°C for 90 minutes.

Observed-MW: 97-100 kDa

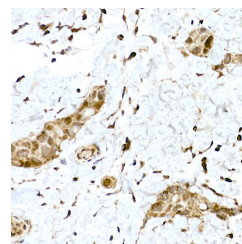
Calculated-MW: 65 kDa/66 kDa/67 kDa



Western blot analysis of various lysates using NRF2 Polyclonal Antibody at ARC50393-02 dilution. NIH3T3 cells were treated by MG132 (50 μ M) at 37°C for 90 minutes.

Observed-MW: 97-100 kDa

Calculated-MW: 65 kDa/66 kDa/67 kDa



Immunohistochemistry of paraffin-embedded human breast cancer using NRF2 Polyclonal antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

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Immunohistochemistry of paraffin-embedded human placenta using NRF2 Polyclonal antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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.

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