

## Rabbit NRF1 Polyclonal Antibody | anti-NRF1 antibody

NRF1 Rabbit Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA30621  | Rabbit | Human, Mouse, Rat | Western Blot, Immunohistochemistry, Immunofluorescence |

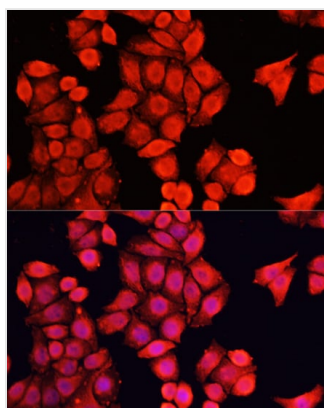
### PRODUCT SYNONYMS

NRF1; Polyclonal Antibody; NRF1 Rabbit Polyclonal Antibody; ALPHA-PAL; anti-NRF1 antibody

### PRODUCT SPECIFICATIONS

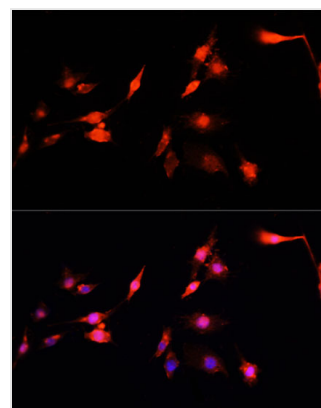
|                                                |                                                                        |
|------------------------------------------------|------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                 |
| Reactivity                                     | Human, Mouse, Rat                                                      |
| Clonality                                      | Polyclonal                                                             |
| Isotype                                        | IgG                                                                    |
| Purity/Purification                            | Affinity purification                                                  |
| Form/Format                                    | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.              |
| Applicable Applications for anti-NRF1 antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence) |
| Application Notes                              | WB: 1:500-1:2000<br>IHC: 1:50-1:200<br>IF: 1:50-1:200                  |
| Immunogen                                      | Recombinant fusion protein of human NRF1 (NP_001035199.1).             |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.                       |

### IMAGES



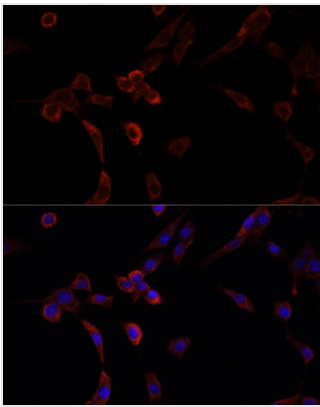
#### IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using NRF1 at dilution of 1:100. Blue: DAPI for nuclear staining.



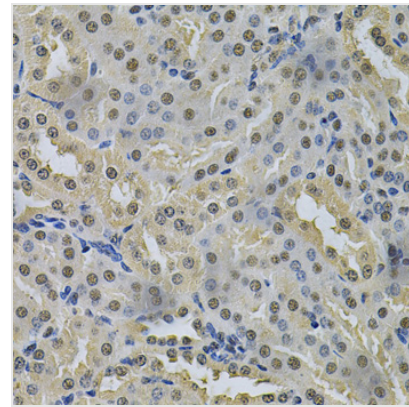
#### IF (Immunofluorescence)

Immunofluorescence analysis of PC12 cells using NRF1 at dilution of 1:100. Blue: DAPI for nuclear staining.



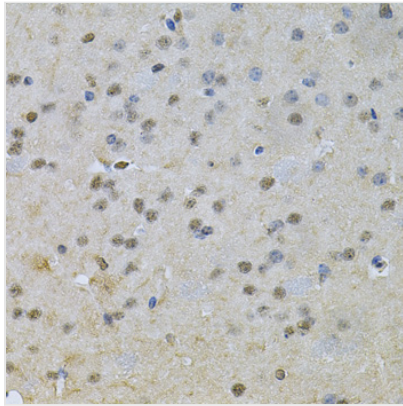
#### IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using NRF1 at dilution of 1:100. Blue: DAPI for nuclear staining.



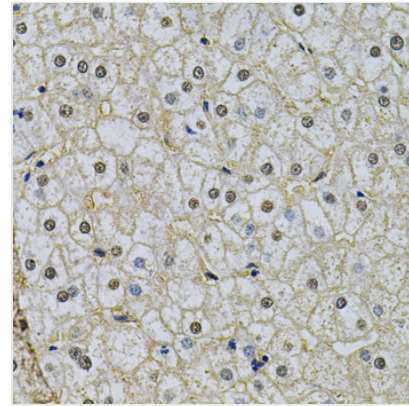
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using NRF1 at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using NRF1 at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver damage using NRF1 at dilution of 1:100 (40x lens).

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-NRF1 antibody</b> | This gene encodes a protein that homodimerizes and functions as a transcription factor which activates the expression of some key metabolic genes regulating cellular growth and nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication. The protein has also been associated with the regulation of neurite outgrowth. Alternative splicing results in multiple transcript variants. Confusion has occurred in bibliographic databases due to the shared symbol of NRF1 for this gene and for 'nuclear factor (erythroid-derived 2)-like 1' which has an official symbol of NFE2L1. |
| <b>Product Categories/Family for anti-NRF1 antibody</b>   | <a href="#">Primary Antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">93141039</a>                        |
| <b>NCBI GeneID</b>                      | <a href="#">4899</a>                            |
| <b>NCBI Accession #</b>                 | <a href="#">NP_001035199.1</a>                  |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_001040110.1</a>                  |
| <b>UniProt Accession #</b>              | <a href="#">Q16656</a> ; <a href="#">Q15305</a> |
| <b>Molecular Weight</b>                 | 53,541 Da                                       |
| <b>NCBI Official Full Name</b>          | nuclear respiratory factor 1                    |
| <b>NCBI Official Synonym Full Names</b> | nuclear respiratory factor 1                    |

|                               |                                                                        |
|-------------------------------|------------------------------------------------------------------------|
| NCBI Official Symbol          | NRF1                                                                   |
| NCBI Official Synonym Symbols | ALPHA-PAL                                                              |
| NCBI Protein Information      | nuclear respiratory factor 1; NRF-1; alpha palindromic-binding protein |
| UniProt Protein Name          | Nuclear respiratory factor 1                                           |
| UniProt Gene Name             | <b>NRF1</b>                                                            |
| UniProt Synonym Gene Names    | NRF-1; Alpha-pal                                                       |
| UniProt Entry Name            | NRF1_HUMAN                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nrf1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30621>