Product Datasheet

Nrf2 Antibody
NBP1-32822

Unit Size: 0.1 ml
Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

Reviews: 3 Publications: 6

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Updated 9/16/2018 v.20.1

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**NBP1-32822**

**Nrf2 Antibody**

### Product Information

<table>
<thead>
<tr>
<th><strong>Unit Size</strong></th>
<th>0.1 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Concentration</strong></td>
<td>Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.</td>
</tr>
<tr>
<td><strong>Clonality</strong></td>
<td>Polyclonal</td>
</tr>
<tr>
<td><strong>Preservative</strong></td>
<td>0.025% Proclin 300</td>
</tr>
<tr>
<td><strong>Isotype</strong></td>
<td>IgG</td>
</tr>
<tr>
<td><strong>Purity</strong></td>
<td>Immunogen affinity purified</td>
</tr>
<tr>
<td><strong>Buffer</strong></td>
<td>PBS (pH 7), 1% BSA, 20% Glycerol</td>
</tr>
<tr>
<td><strong>Target Molecular Weight</strong></td>
<td>68 kDa</td>
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### Product Description

**Host**  
Rabbit

**Gene ID**  
4780

**Gene Symbol**  
NFE2L2

**Species**  
Human, Mouse, Rat, Avian, C. elegans, Plant

**Reactivity Notes**  
C. elegans reactivity reported in scientific literature (PMID: 29263362). Bovine (84%).

**Immunogen**  
Recombinant protein encompassing a sequence within the center region of human NRF2. The exact sequence is proprietary.

### Product Application Details

**Applications**  
Western Blot, Chromatin Immunoprecipitation, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)

**Recommended Dilutions**  
Western Blot 1:500-1:3000, Chromatin Immunoprecipitation 1:10-1:500, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/Immunofluorescence 1:100-1:1000, Immune precipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Chromatin Immunoprecipitation (ChIP)

### Images

Western Blot: Nrf2 Antibody [NBP1-32822] - Non-transfected (-) and NRF2-transfected (+, including 3xFlag-tag) 293T whole cell extracts (30ug) were separated by 5% SDS-PAGE, and the membrane was blotted with NRF2 antibody diluted by 1:1000.
Immunocytochemistry/Immunofluorescence: Nrf2 Antibody [NBP1-32822] - NIH/3T3 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Nrf2 protein stained by Nrf2 antibody [N2C2], Internal diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 um.

Immunohistochemistry-Paraffin: Nrf2 Antibody [NBP1-32822] - Paraffin-embedded Cal27 xenograft, using Nrf2 antibody at 1:500 dilution.

Chromatin Immunoprecipitation: Nrf2 Antibody [NBP1-32822] - ChIP was performed with HepG2 chromatin extract and 5 ug of either normal rabbit IgG or anti-NRF2 antibody. The precipitated DNA was detected by PCR with primer set targeting to GCLC gene locus.

Western Blot: Nrf2 Antibody [NBP1-32822] - Whole cell extract (30 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with Nrf2 antibody [N2C2], Internal diluted at 1:500.
Western Blot: Nrf2 Antibody [NBP1-32822] - Untreated (-) and treated (+) MDA-MB-231 nuclear extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with NRF2 antibody. The observed M.W. is based on the publication: PMID: 22703241

Immunocytochemistry/Immunofluorescence: Nrf2 Antibody [NBP1-32822] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: NRF2 protein stained by NRF2 antibody [N2C2], Internal diluted at 1:500. Red: Phalloidin, a cytoskeleton marker, diluted at 1:200. Scale bar = 10 um.

Immunoprecipitation: Nrf2 Antibody [NBP1-32822] - Immunoprecipitation of NRF2 protein from HepG2 whole cell extracts using 5 ug of NRF2 antibody [N2C2], Internal. Western blot analysis was performed using NRF2 antibody [N2C2], Internal. EasyBlot anti-Rabbit IgG was used as a secondary reagent.

Publications
Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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<td>HAF008</td>
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<tr>
<td>NB7156</td>
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<tr>
<td>NBP2-24891</td>
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