

# Product Datasheet

## Nrf1 Antibody NBP2-19586

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

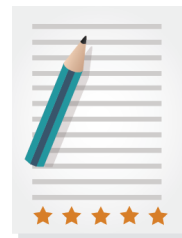
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**NBP2-19586****Nrf1 Antibody**

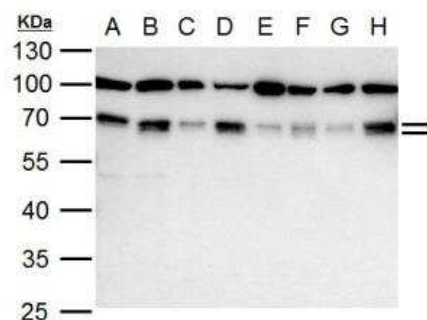
| Product Information     |                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size               | 0.1 ml                                                                                                           |
| Concentration           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| Clonality               | Polyclonal                                                                                                       |
| Preservative            | 0.025% Proclin 300                                                                                               |
| Isotype                 | IgG                                                                                                              |
| Purity                  | Antigen Affinity-purified                                                                                        |
| Buffer                  | PBS, 20% Glycerol                                                                                                |
| Target Molecular Weight | 54 kDa                                                                                                           |

| Product Description |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Host                | Rabbit                                                                                                                 |
| Gene ID             | 4899                                                                                                                   |
| Gene Symbol         | NRF1                                                                                                                   |
| Species             | Human, Mouse, Rat                                                                                                      |
| Reactivity Notes    | Xenopus laevis (93%).                                                                                                  |
| Immunogen           | Recombinant protein encompassing a sequence within the center region of human Nrf1. The exact sequence is proprietary. |

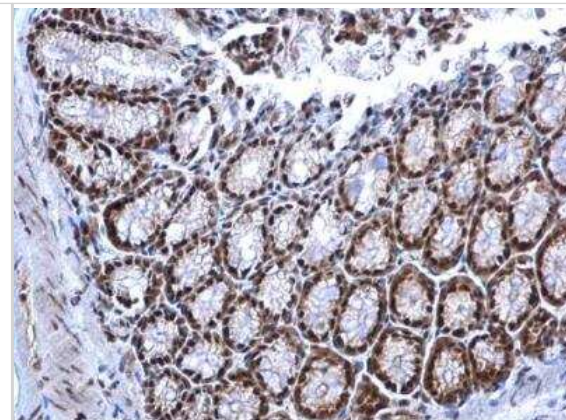
| Product Application Details |                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation                                                                 |
| Recommended Dilutions       | Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000 |

**Images**

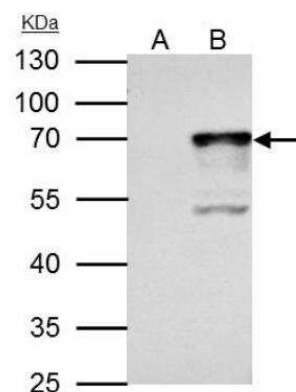
Western Blot: Nrf1 Antibody [NBP2-19586] - A. 30 ug 293T whole cell lysate/extract B. 30 ug 293T nuclear lysate/extract C. 30 ug A431 whole cell lysate/extract | D. 30 ug A431 nuclear lysate/extract E. 30 ug HeLa whole cell lysate/extract F. 30 ug HeLa nuclear lysate/extract G. 30 ug HepG2 whole cell lysate/extract H. 30 ug HepG2 nuclear lysate/extract 10 % SDS-PAGE NRF1 antibody dilution: 1:1000



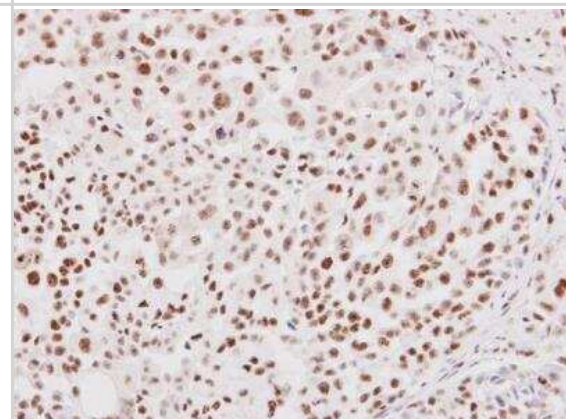
Immunohistochemistry-Paraffin: Nrf1 Antibody [NBP2-19586] - Paraffin-embedded mouse colon. NRF1 antibody dilution: 1:500.



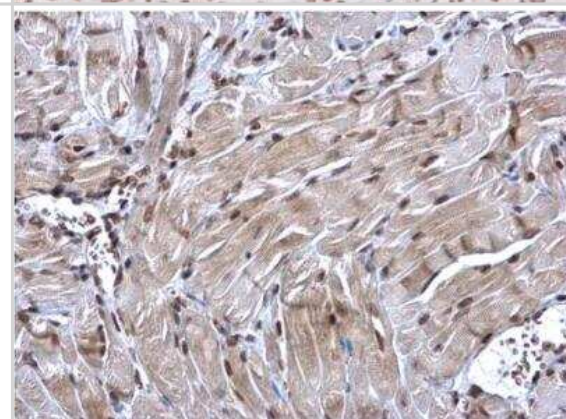
Western Blot: Nrf1 Antibody [NBP2-19586] - IP samples: 293T whole cell extract A. Control with 4 ug of preimmune Rabbit IgG B. Immunoprecipitation of NRF1 protein by 4 ug NRF1 antibody. 10 % SDS-PAGE The immunoprecipitated NRF1 protein was detected by NRF1 antibody diluted at 1:1000. [EasyBlot anti-rabbit IgG was used as a secondary reagent].



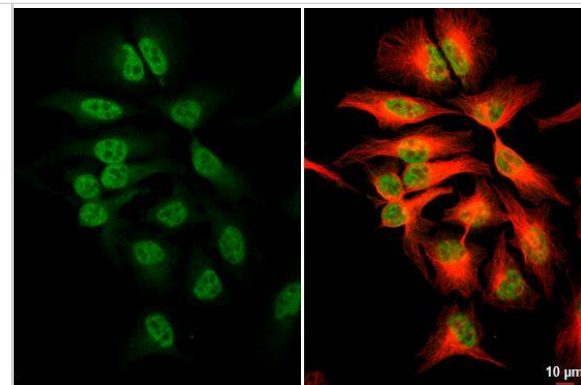
Immunohistochemistry-Paraffin: Nrf1 Antibody [NBP2-19586] - Paraffin-embedded human lung adenocarcinoma. NRF1 antibody diluted at 1:250.



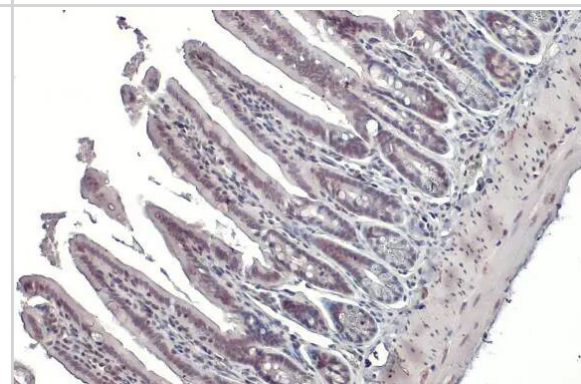
Immunohistochemistry-Paraffin: Nrf1 Antibody [NBP2-19586] - Paraffin-embedded mouse muscle. NRF1 antibody dilution: 1:500.



Immunocytochemistry/Immunofluorescence: Nrf1 Antibody [NBP2-19586] -HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: NRF1 stained by NRF1 antibody diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [114] diluted at 1:1000. Scale bar= 10µm.



Immunohistochemistry-Paraffin: Nrf1 Antibody [NBP2-19586] - Nrf1 antibody detects Nrf1 protein at nucleus by immunohistochemical analysis. Sample: Paraffin-embedded mouse intestine. Nrf1 stained by Nrf1 antibody (NBP2-19586) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



## Publications

Kshirsagar S, Sawant N, Morton H Et al. Mitophagy enhancers against phosphorylated Tau-induced mitochondrial and synaptic toxicities in Alzheimer disease Pharmacological research 2021-11-08 [PMID: 34763094] (WB, Mouse)



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### **Products Related to NBP2-19586**

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|                    |                                                     |
|--------------------|-----------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891         | Rabbit IgG Isotype Control                          |
| H00004899-P01-10ug | Recombinant Human Nrf1 GST (N-Term) Protein         |

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### **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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