

Product Datasheet

Nrf1 Antibody (2F9) - Azide and BSA Free H00004899-M01-50ug

Unit Size: 50 ug

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

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H00004899-M01-50ug

Nrf1 Antibody (2F9) - Azide and BSA Free

Product Information

Unit Size	50 ug
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	Monoclonal
Clone	2F9
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

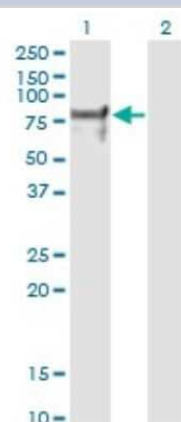
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4899
Gene Symbol	NRF1
Species	Human, Mouse
Specificity/Sensitivity	NRF1 - nuclear respiratory factor 1
Immunogen	NRF1 (NP_005002, 201 a.a. ~ 285 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. TQAQLRAFIPEMLKYSTGRGKPGWGKESCKPIWWPEDIPWANVRSDVRTEEQ KQRVSWTQALRTIVKNCYKQHGREDLLYAFEDQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

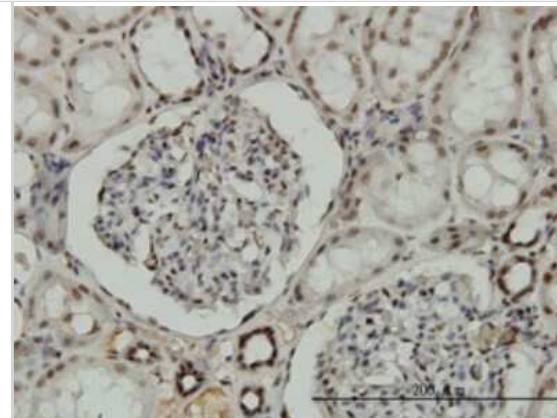
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Application Notes	Antibody reactivity against tissue lysate and recombinant protein for WB. It has been used for IHC-P, RNAi Validation and ELISA.

Images

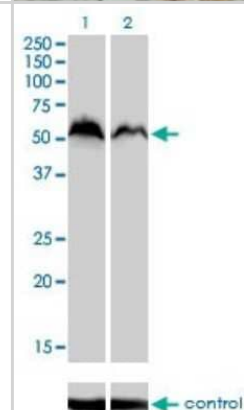
Western Blot: Nrf1 Antibody (2F9) [H00004899-M01] - Analysis of NRF1 expression in transfected 293T cell line by NRF1 monoclonal antibody (M01), clone 2F9. Lane 1: NRF1 transfected lysate (Predicted MW: 55.7 KDa). Lane 2: Non-transfected lysate.



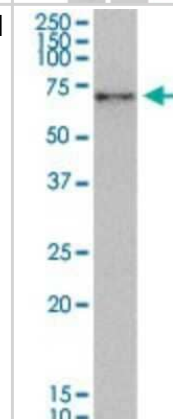
Immunohistochemistry-Paraffin: Nrf1 Antibody (2F9) [H00004899-M01] - Analysis of monoclonal antibody to NRF1 on formalin-fixed paraffin-embedded human kidney. Antibody concentration 3 ug/ml.



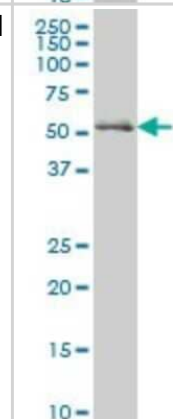
Western Blot: Nrf1 Antibody (2F9) [H00004899-M01] - Analysis of NRF1 over-expressed 293 cell line, cotransfected with NRF1 Validated Chimera RNAi (Cat # H00004899-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with NRF1 monoclonal antibody (M01), clone 2F9 (Cat # H00004899-M01). GAPDH (36.1 kDa) used as specificity and loading control.



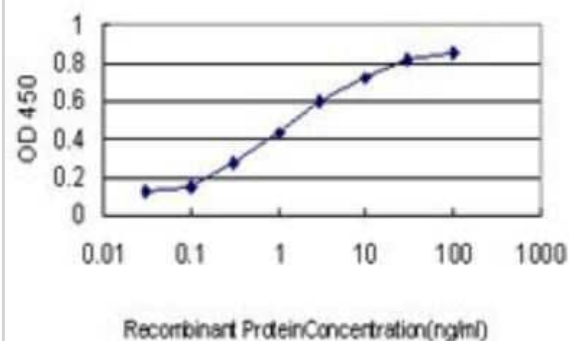
Western Blot: Nrf1 Antibody (2F9) [H00004899-M01] - NRF1 monoclonal antibody (M01), clone 2F9. Analysis of NRF1 expression in HeLa.



Western Blot: Nrf1 Antibody (2F9) [H00004899-M01] - NRF1 monoclonal antibody (M01), clone 2F9. Analysis of NRF1 expression in human Skeletal muscle.



ELISA: Nrf1 Antibody (2F9) [H00004899-M01] - Detection limit for recombinant GST tagged NRF1 is approximately 0.03ng/ml as a capture antibody.



Publications

Hanaoka S, Ishida K, Tanaka S et al. Tributyltin induces epigenetic changes and decreases the expression of nuclear respiratory factor-1. *Metallomics* 2018-02-21 [PMID: 29345269]

Thompson C, Macdonald G, Mueller CR. Decreased expression of BRCA1 in SK-BR-3 cells is the result of aberrant activation of the GABP Beta promoter by an NRF-1-containing complex. *Mol Cancer*. 2011-05-24 [PMID: 21609478]

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Products Related to H00004899-M01-50ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00004899-P01-10ug	Recombinant Human Nrf1 GST (N-Term) Protein

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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