

# Product Datasheet

## Nrf1 Antibody (C.15200013) - BSA Free NBP2-59255

Unit Size: 50 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-59255**

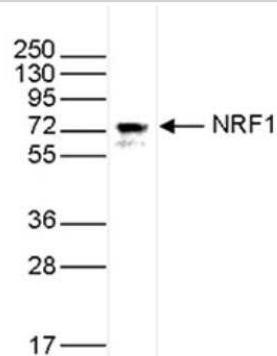
Nrf1 Antibody (C.15200013) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	50 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	C.15200013
<b>Preservative</b>	0.05% Sodium Azide and 0.05% ProClin 300
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Nrf1 Antibody (C.15200013) - BSA Free (NBP2-59255) is a monoclonal antibody validated for use in WB and CHIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	4899
<b>Gene Symbol</b>	NRF1
<b>Species</b>	Human
<b>Immunogen</b>	The exact immunogen is proprietary information.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing
<b>Recommended Dilutions</b>	Western Blot 1:1000, Chromatin Immunoprecipitation (ChIP) 2 ug, Chromatin Immunoprecipitation Sequencing 2ug/ChIP

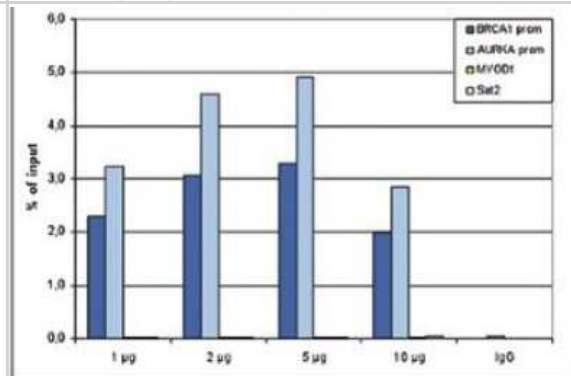


## Images

Western Blot: Nrf1 Antibody (C.15200013) [NBP2-59255] - Whole cell extracts from K562 cells were analyzed using the antibody against diluted 1:1000 in TBST containing 5% milk powder. The position of the protein of interest is indicated on the right; the marker (kDa) is shown on the left.



Chromatin Immunoprecipitation: Nrf1 Antibody (C.15200013) [NBP2-59255] - ChIP was performed using K562 cells, the antibody against NRF1 and optimized PCR primer sets for qPCR. ChIP was performed with a ChIP-seq kit, using sheared chromatin from 4 million cells. A titration of the antibody consisting of 1, 2, 5 and 10 ug per ChIP experiment was analysed. IgG (2 ug/IP) was used as negative IP control. Quantitative PCR was performed with primers for the BRCA1 and AURKA promoters, used as positive controls, and for the coding region of the inactive MYOD1 gene and the Sat2 satellite repeat, used as negative controls. Figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).





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### **Products Related to NBP2-59255**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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