

Product Datasheet

Anti-NRF1 Antibody (orb1474511)

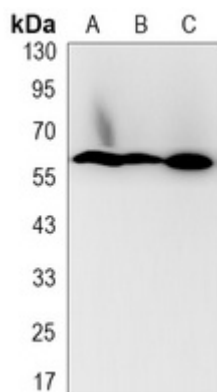
Description	Rabbit monoclonal antibody to NRF1
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IH, IP, WB
Immunogen	A synthetic peptide of human NRF1
Target	NRF1
Preservatives	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% rAlbumin.
Form/Appearance	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% rAlbumin.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Clonality	Monoclonal
Source	Rabbit
Uniprot ID	Q16656, Q9WU00, Q62792
Entrez	18181, 4899
Dilution Range	WB (1/500 - 1/1000), IH (1/50 - 1/100), IF/IC (1/50 - 1/100), IP (1/10 - 1/50)
Expiration Date	12 months from date of receipt.

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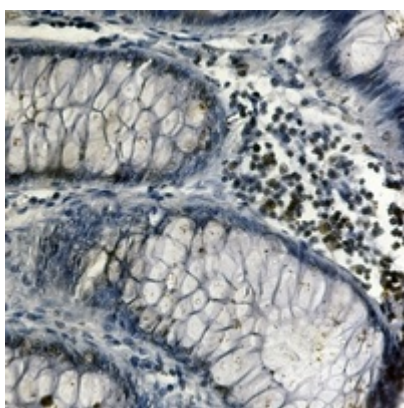
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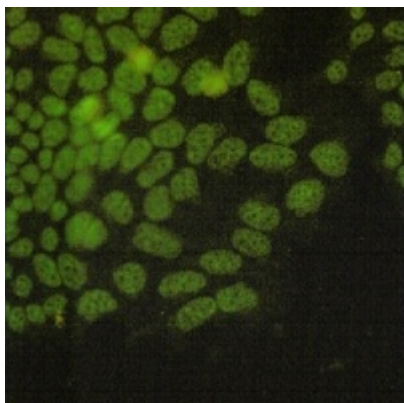
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Western blot analysis of NRF1 expression in C6 (A), NIH3T3 (B), HeLa (C) whole cell lysates. (Predicted band size: 54 kD; Observed band size: 68 kD)



Immunohistochemical analysis of NRF1 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.60). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of NRF1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

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