

NRF1 Rabbit mAb

Catalog # AP75821

Product Information

Application	WB, IHC-P, IHC-F, FC, IP
Primary Accession	Q16656
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	53541

Additional Information

Gene ID	4899
Other Names	NRF1
Dilution	WB~~1:1000-1:10000 IHC-P~~N/A IHC-F~~N/A FC~~1:10-1:100 IP~~1:10-1:100
Format	1xPBS(pH 7.4), 150mM NaCl, 50% Glycerol, 0.02% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

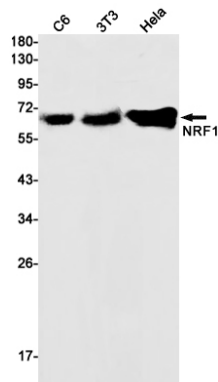
Name	NRF1
Function	Transcription factor that activates the expression of the EIF2S1 (EIF2-alpha) gene. Links the transcriptional modulation of key metabolic genes to cellular growth and development. Implicated in the control of nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication.
Cellular Location	Nucleus.
Tissue Location	Ubiquitously expressed with strongest expression in skeletal muscle

Background

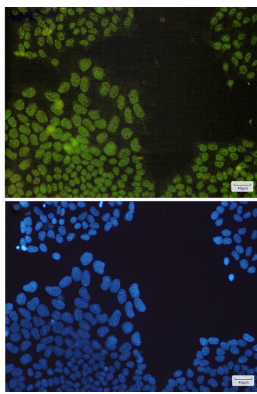
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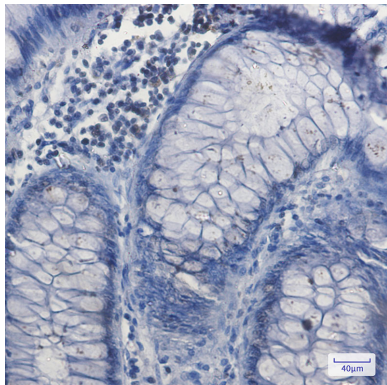
Images



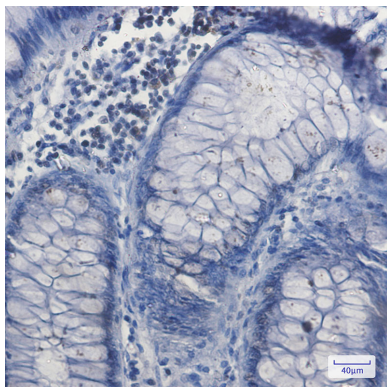
Western blot analysis of NRF1 in C6, 3T3, HeLa lysates using Nrf1 antibody.

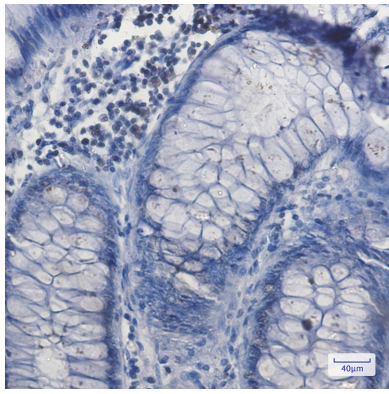


Immunocytochemistry analysis of NRF1(green) in HeLa using NRF1 antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using NRF1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.





Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.