

bsm-54140R**[Primary Antibody]**

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400-901-9800

NRF1 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) ICC/IF (1:50-200) Reactivity: Human, Mouse, Rat Predicted MW.: 55 kDa Subcellular Location: Cytoplasm
Clonality: Recombinant	CloneNo.: 6G5	
GeneID: 4899	SWISS: Q16656	
Target: NRF1		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a protein that homodimerizes and functions as a transcription factor which activates the expression of some key metabolic genes regulating cellular growth and nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication. The protein has also been associated with the regulation of neurite outgrowth. Alternative splicing results in multiple transcript variants. Confusion has occurred in bibliographic databases due to the shared symbol of NRF1 for this gene and for "nuclear factor (erythroid-derived 2)-like 1" which has an official symbol of NFE2L1. [provided by RefSeq, May 2014]		

— SELECTED CITATIONS —

- **[IF=2.2]** Tianpu Wu. et al.Hydroxyacyl-coenzyme A dehydrogenase: A biomarker for authentication of death from mechanical asphyxia.forensic science international.2025 Feb;367:112371. IF ;Human. 39879859