

Rabbit Nrf1 Monoclonal Antibody | anti-Nrf1 antibody

Recombinant Nrf1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178869	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Nrf1; Monoclonal Antibody; Recombinant Nrf1 Monoclonal Antibody; alpha pal; alpha palindromic binding protein; Alpha palindromic-binding protein; Alpha-pal; locus control region factor 1; NFE2 related factor 1; NRF-1; NRF1; Nuclear respiratory factor 1; anti-Nrf1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R02-9A7
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-Nrf1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human NRF1
Research Area	Cancer, Epigenetics and Nuclear Signaling, Metabolism
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



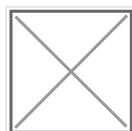
IHC (Immunohistochemistry)

Immunohistochemistry of NRF1 in paraffin-embedded Human colon cancer tissue using NRF1 Rabbit mAb at dilution 1:50



WB (Western Blot)

Western blot detection of NRF1 in C6,3T3,Hela cell lysates using NRF1 Rabbit mAb(1:1000 diluted).Predicted band size:54kDa.Observed band size:68kDa.



IF (Immunofluorescence)

Immunofluorescence of NRF1(green) in Hela cells using NRF1 Rabbit mAb at dilution 1:200, and DAPI(blue)

ADDITIONAL INFORMATION

Related Product Information for anti-Nrf1 antibody	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.
Product Categories/Family for anti-Nrf1 antibody	Antibodies; Primary Antibodies; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	93141039
NCBI GeneID	4899
NCBI Accession #	NP_001035199.1
NCBI GenBank Nucleotide #	NM_001040110.1
UniProt Accession #	Q16656; Q15305
Molecular Weight	53,541 Da
NCBI Official Full Name	nuclear respiratory factor 1
NCBI Official Synonym Full Names	nuclear respiratory factor 1
NCBI Official Symbol	NRF1
NCBI Official Synonym Symbols	ALPHA-PAL
NCBI Protein Information	nuclear respiratory factor 1; NRF-1; alpha palindromic-binding protein
UniProt Protein Name	Nuclear respiratory factor 1
UniProt Gene Name	NRF1
UniProt Synonym Gene Names	NRF-1; Alpha-pal
UniProt Entry Name	NRF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nrf1-antibody-clone-r02-9a7-immunofluorescence-immunohistochemistry-western-blot-elisa/178869>