

NRF1 / NRF-1 Antibody (aa1-534)
Rabbit Polyclonal Antibody
Catalog # ALS11224**Specification**

NRF1 / NRF-1 Antibody (aa1-534) - Product Information

Application	IHC
Primary Accession	Q16656
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa

NRF1 / NRF-1 Antibody (aa1-534) - Additional Information**Gene ID** 4899**Other Names**

Nuclear respiratory factor 1, NRF-1, Alpha palindromic-binding protein, Alpha-pal, NRF1

Target/Specificity

Purified recombinant mouse NRF1 protein corresponding to aa 1-534 of the native protein.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.

Precautions

NRF1 / NRF-1 Antibody (aa1-534) is for research use only and not for use in diagnostic or therapeutic procedures.

NRF1 / NRF-1 Antibody (aa1-534) - 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

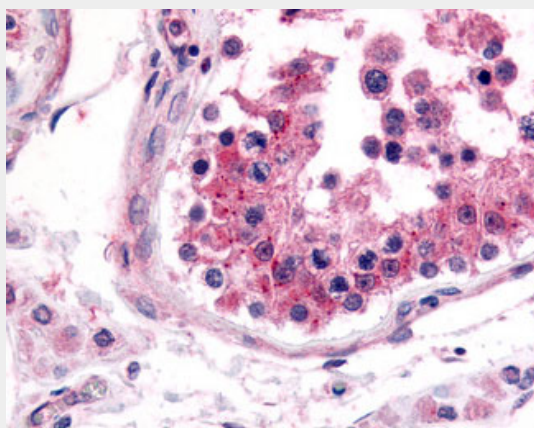
Ubiquitously expressed with strongest expression in skeletal muscle

NRF1 / NRF-1 Antibody (aa1-534) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NRF1 / NRF-1 Antibody (aa1-534) - Images



Anti-NRF1 antibody IHC of human testis.

NRF1 / NRF-1 Antibody (aa1-534) - Background

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.

NRF1 / NRF-1 Antibody (aa1-534) - References

Virbasius C.A., et al. *Genes Dev.* 7:2431-2445(1993).
Efioke B.J.S., et al. *J. Biol. Chem.* 269:18921-18930(1994).
Gopalakrishnan L., et al. *J. Biol. Chem.* 270:18019-18025(1995).
Yang S.J., et al. Submitted (SEP-2007) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. *Nat. Genet.* 36:40-45(2004).