

NRF-1 Polyclonal Antibody

Catalog # AP71371

Product Information

| | |
|--------------------------|------------------------|
| Application | WB |
| Primary Accession | Q16656 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 53541 |

Additional Information

| | |
|---------------------------|---|
| Gene ID | 4899 |
| Other Names | NRF1; Nuclear respiratory factor 1; NRF-1; Alpha palindromic-binding protein; Alpha-pal |
| Dilution | WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications. |
| Format | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| Storage Conditions | -20°C |

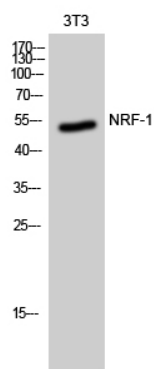
Protein Information

| | |
|--------------------------|--|
| 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

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.

Images



Western Blot analysis of 3T3 cells using NRF-1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

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