

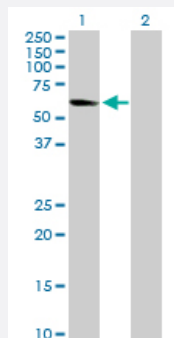
MaxPab®

NRF1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004899-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NRF1 expression in transfected 293T cell line ([H00004899-T01](#)) by NRF1 MaxPab polyclonal antibody.

Lane 1: NRF1 transfected lysate(55.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NRF1 protein.
Immunogen	NRF1 (AAH16925.1, 1 a.a. ~ 522 a.a) full-length human protein.
Sequence	MEEHGVTQTEHMAIEAHAVAQQVQQVHVATYTEHSMLSADEDSPPSPEDTSYDDSDILNSTAA DEVTAHLAAAGPVGMAAAAATGKKRKRPHVFESNPSIRKRQQTRLLRKLRLATLDEYTTRVGQ QAVLCISPSKPNPVFKVFGAAPLENVVRKYKSMILEDLESALAEHAPAPQEVNSELPPLTIDGIPV SVDKMTQAQLRAFIPEMLKYSTGRGKPGWGKESCKPIWWPEDIPWANVRSDVRTEEQKQRVSW TQALRTIVKNCYKQHGRELLYAFEDQQTQTQATATHSIAHLVPSQTVVQTFSNPDGTVSLIQVGT GATVATLADASELPPTVTVAQVNYSADGEVEQNWATLQGGEMTIQTTQASEATQAVASLAEA AVAASQEMQQGATVTMALNSEAAAHAVATLAEATLQGGGQVLSGETAAAVGALTGVQDANGLF MADRAGRKWILTDKATGLVQIPVSMYQTVVTSLAQGNQGPVQVAMAPVTRISDSAVTMDGQAVE VVTLEQ
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — NRF1

Entrez GeneID [4899](#)

GeneBank Accession# [BC016925.1](#)

Protein Accession# [AAH16925.1](#)

Gene Name NRF1

Gene Alias ALPHA-PAL

Gene Description nuclear respiratory factor 1

Omim ID [600879](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. Alternate transcriptional splice variants, which encode the same protein, have been characterized. Additional variants encoding different protein isoforms have been described but they have not been fully characterized. 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]

Other Designations OTTHUMP00000184912|alpha palindromic-binding protein

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)