

Datasheet for ABIN2775850
anti-NRF1 antibody (Middle Region)[Go to Product page](#)

9 Images

1 Publication

Overview

Quantity:	100 µL
Target:	NRF1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NRF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human NRF1
Sequence:	WATLQGGEMT IQTTQASEAT QAVASLAEEA VAASQEMQQG ATVTMALNSE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against NRF1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NRF1
Alternative Name:	NRF1 (NRF1 Products)

Target Details

Background:	<p>This protein 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.</p> <p>Alias Symbols: ALPHA-PAL</p> <p>Protein Interaction Partner: POGZ, TRAF2, SP4, FHL2, DYNLL1, CSNK2B, CSNK2A1, UBC, HHV8GK18_gp81, CEBPB, PARP1, PPRC1, MAFF, PPARGC1A, Dynlt1b, CDK1, MRPL57, TFAM,</p> <p>Protein Size: 503</p>
Molecular Weight:	53 kDa
Gene ID:	4899
NCBI Accession:	NM_005011 , NP_005002
UniProt:	Q16656
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 503 AA
Restrictions:	For Research Use only

Handling

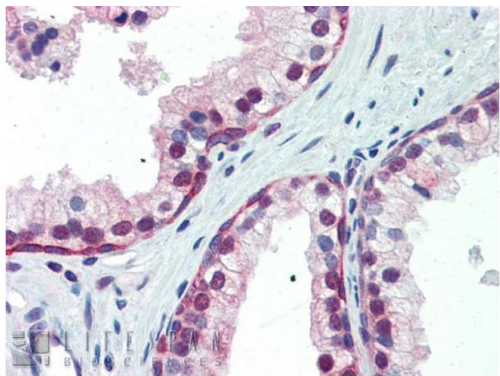
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Ramsey, Clarke, Roberts, Sullivan, Johnson, Liu: "An economic evaluation of atorvastatin for primary prevention of cardiovascular events in type 2 diabetes." in: **Pharmacoeconomics**, Vol. 26, Issue 4, pp. 329-39, (2008) ([PubMed](#)).

Validation report #104256 for Western Blotting (WB)



Rabbit Anti-NRF1 Antibody
Catalog Number: ARP34523
Lot Number: QC3933
Paraffin Embedded Tissue: Human Prostate
Antibody Concentration: 10.0 µg/ml
Data courtesy of Lifespan Biosciences, Inc.

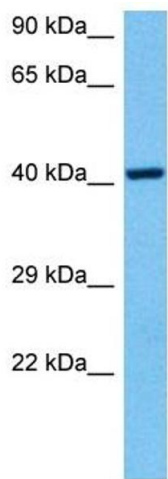
Immunohistochemistry

Image 1. Human Prostate



Western Blotting

Image 2. WB Suggested Anti-NRF1 antibody Titration: 1 ug/mL Sample Type: Human heart



Western Blotting

Image 3. Host: Mouse Target Name: NRF1 Sample Tissue: Mouse Heart Antibody Dilution: 1ug/ml

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN2775850.