

Rabbit anti-Human NRF2 Polyclonal Antibody | anti-NRF2 antibody

NRF2 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60053	Rabbit	Human	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation, Chromatin Immunoprecipitation, Immunoprecipitation

PRODUCT SYNONYMS

NRF2; Polyclonal Antibody; NRF2 antibody (pAb); NFE2L2; anti-NRF2 antibody

PRODUCT SPECIFICATIONS

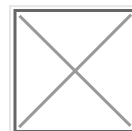
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-NRF2 antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation), ChIP (Chromatin immunoprecipitation)
Immunogen	This antibody was raised against a peptide within human NRF2.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

NRF2 antibody (pAb) tested by Western blot. Nuclear extract of HepG2 cells (25 ug) treated with tHBQ and probed with NRF2 antibody at a dilution of 1:500.



ChIP (Chromatin Immunoprecipitation)

NRF2 antibody (pAb) tested by ChIP-Seq. ChIP was performed using the ChIP-IT High Sensitivity Kit with 30 ug of chromatin from A549 cells and 4 ul of antibody. ChIP DNA was sequenced on the Illumina HiSeq and 20 million sequence tags were mapped to identify NRF2 binding sites. The image shows binding across regions of chromosome 16 and 22. You can view the complete data set in the UCSC Genome Browser, starting at NQO1, here.

ADDITIONAL INFORMATION

Related Product Information for anti-NRF2 antibody

Short Description: Our NRF2 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation, ChIP-Seq and Western blot; it has been shown to react with Human samples.

Background: NRF2 (NF-E2-Related Factor 2) is a transcription activator that binds to antioxidant response (ARE) elements in the promoter regions of target genes. Important for the coordinated up-regulation of genes in response to oxidative stress. May be involved in the transcriptional activation of genes of the beta-globin cluster by mediating enhancer activity of hypersensitive site 2 of the beta-globin locus control region.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361440
NCBI GeneID	5866
NCBI Accession #	NP_006155; AB_2793695
NCBI GenBank Nucleotide #	NM_013401.3
UniProt Accession #	Q8TBN0; Q86V32; Q9P1Q8
Molecular Weight	69.9kDa (625aa)
NCBI Official Full Name	guanine nucleotide exchange factor for Rab-3A isoform 1
NCBI Official Synonym Full Names	RAB3A interacting protein like 1
NCBI Official Symbol	RAB3IL1
NCBI Official Synonym Symbols	GRAB
NCBI Protein Information	guanine nucleotide exchange factor for Rab-3A
UniProt Protein Name	Guanine nucleotide exchange factor for Rab-3A
UniProt Gene Name	RAB3IL1
UniProt Synonym Gene Names	Rab3A-interacting-like protein 1
UniProt Entry Name	R3GEF_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/polyclonal/nrf2-antibody-western-blot-chromatin-immunoprecipitation-chromatin-immunoprecipitation-elisa/60053>