

Rabbit nrf2 Polyclonal Antibody | anti-nrf2 antibody

Phospho-nrf2 (Ser344) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328527	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

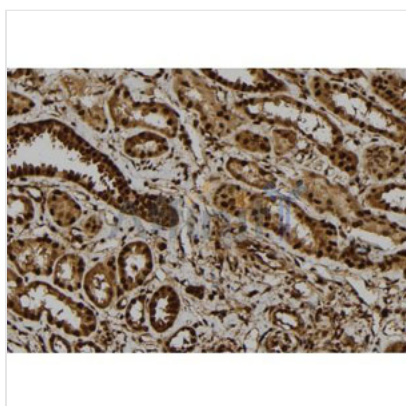
PRODUCT SYNONYMS

nrf2; Polyclonal Antibody; Phospho-nrf2 (Ser344) Antibody; erythroid derived 2; HEBP1; like 2; NF E2 related factor 2; NF-E2-related factor 2; NF2L2_HUMAN; NFE2 related factor 2; NFE2-related factor 2; Nfe2l2; Nrf 2; NRF2; Nuclear factor (erythroid derived 2) like 2; Nuclear factor; nuclear factor erythroid 2 like 2; Nuclear factor erythroid 2 related factor 2; Nuclear factor erythroid 2-related factor 2; Nuclear factor erythroid derived 2 like 2; anti-nrf2 antibody

PRODUCT SPECIFICATIONS

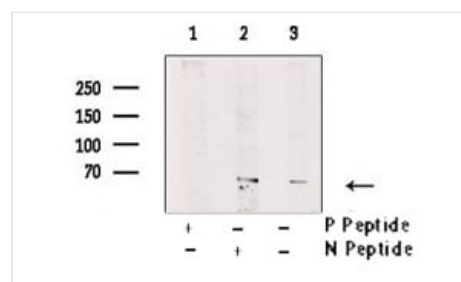
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-nrf2(Ser344) Antibody detects endogenous levels of nrf2 only when phosphorylated at Ser344.
Purity/Purification	Purified affinity purification.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-nrf2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human nrf2 around the phosphorylation site of Ser344.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA328527 at 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from HuvEc, using Phospho-nrf2(Ser344) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-nrf2 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224028257
NCBI GeneID	4780
NCBI Accession #	NP_001138884.1
NCBI GenBank Nucleotide #	NP_001138884.1
UniProt Accession #	Q16236
Molecular Weight	68 kD, 90~100kD
NCBI Official Full Name	nuclear factor erythroid 2-related factor 2 isoform 2
NCBI Official Synonym Full Names	nuclear factor, erythroid 2 like 2
NCBI Official Symbol	NFE2L2
NCBI Official Synonym Symbols	NRF2; HEBP1; IMDDHH
NCBI Protein Information	nuclear factor erythroid 2-related factor 2
UniProt Protein Name	Nuclear factor erythroid 2-related factor 2
UniProt Gene Name	NFE2L2
UniProt Synonym Gene Names	NRF2; NF-E2-related factor 2
UniProt Entry Name	NF2L2_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://www.aaabiotech.com/polyclonal/nrf2-antibody-immunohistochemistry-western-blot-elisa/328527>