

Rabbit NRF2 Polyclonal Antibody | anti-NRF2 antibody

NRF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311937	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot

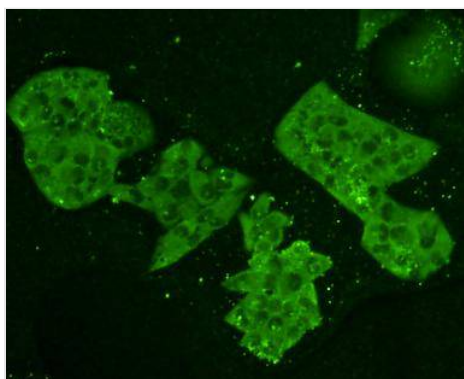
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

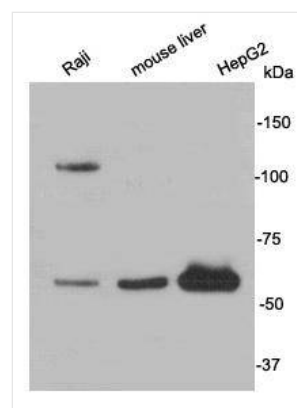
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-NRF2 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to Nrf2 aa 530-600.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining Nrf2 in Hela cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis on different lysates using anti-Nrf2 rabbit polyclonal antibodies.

ADDITIONAL INFORMATION

Related Product Information for anti-NRF2 antibody	The Nrf2 antioxidant response pathway is "the primary cellular defense against the cytotoxic effects of oxidative stress." Among other effects, NFE2L2 increases the expression of several antioxidant enzymes. Several drugs that stimulate the NFE2L2 pathway are being studied for treatment of diseases that are caused by oxidative stress, and dimethyl fumarate significantly reduced the progression of disability in multiple sclerosis. Under normal or unstressed conditions, Nrf2 is kept in the cytoplasm by a cluster of proteins that degrade it quickly. Under oxidative stress, Nrf2 is not degraded, but instead travels to the nucleus where it binds to a DNA promoter and initiates transcription of antioxidative genes and their proteins.
Product Categories/Family for anti-NRF2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	224028257
NCBI GeneID	4780
NCBI Accession #	NP_001138884.1
NCBI GenBank Nucleotide #	NM_001145412.2
UniProt Accession #	Q16236; Q53RW6; Q59HH2; Q96F71; B2RBU2; B4E338; E9PGJ7
Molecular Weight	67,827 Da
NCBI Official Full Name	nuclear factor erythroid 2-related factor 2 isoform 2
NCBI Official Synonym Full Names	nuclear factor (erythroid-derived 2)-like 2
NCBI Official Symbol	NFE2L2
NCBI Official Synonym Symbols	NRF2
NCBI Protein Information	nuclear factor erythroid 2-related factor 2; HEBP1; NFE2-related factor 2; NF-E2-related factor 2; nuclear factor erythroid-derived 2-like 2; nuclear factor, erythroid derived 2, like 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nrf2-antibody-immunocytochemistry-western-blot-elisa/311937>