

Rabbit NRF2 Polyclonal Antibody | anti-NFE2L2 antibody

Anti-NRF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105001	Rabbit	Human, Mouse, Rat, Pig	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NRF2; Polyclonal Antibody; Anti-NRF2 Antibody; Nuclear factor erythroid 2-related factor 2; NF-E2-related factor 2; NFE2-related factor 2; HEBP1; Nuclear factor; erythroid derived 2; like 2; anti-NFE2L2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of NRF2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	589
Applicable Applications for anti-NFE2L2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NRF2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



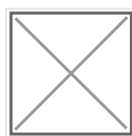
IF (Immunofluorescence)

Immunofluorescent analysis of NRF2 staining in HL60 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of NRF2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of NRF2 expression in THP1 (A), HL60 (B), K562 (C), Jurkat (D), mouse kidney (E), rat kidney (F) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-NFE2L2 antibody	Rabbit polyclonal antibody to NRF2
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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	65,356 Da
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
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; NFE2-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://stage.aaabiotech.com/polyclonal/nrf2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/105001>