

Goat NRF2 Polyclonal Antibody | anti-NFE2L2 antibody

Goat anti-NRF2 (aa445-458) Antibody

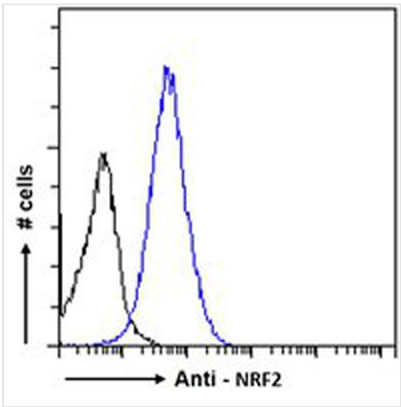
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13670	Goat	Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow	ELISA, Western Blot

PRODUCT SYNONYMS

NRF2; Polyclonal Antibody; Goat anti-NRF2 (aa445-458) Antibody; NFE2L2; nuclear factor (erythroid-derived 2)-like 2; HEBP1; NF-E2-related factor 2; NFE2-related factor 2; OTTHUMP00000205251; OTTHUMP00000207980; nuclear factor erythroid 2-related factor 2; nuclear factor; erythroid derived 2; like 2; NFE2L2 antibody; nuclear factor (erythroid-derived 2)-like 2 antibody; NRF2 antibody; HEBP1 antibody; NF-E2-related factor 2 antibody; NFE2-related factor 2 antibody; OTTHUMP00000205251 antibody; OTTHUMP00000207980 antibody; nuclear factor erythroid 2-related factor 2 antibody; like 2 antibody; NRF2 (aa445-458); anti-NFE2L2 antibody

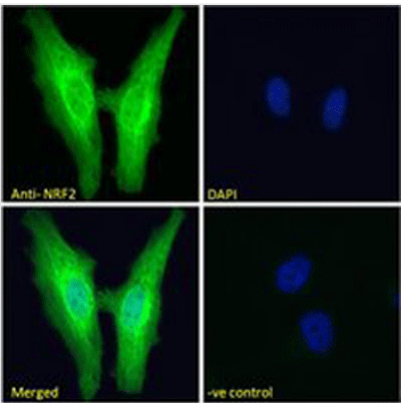
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-NFE2L2 antibody	ELISA (Peptide ELISA), WB (Western Blot)
Application Notes	ELISA: Antibody detection limit dilution 1: 64000. Western Blot: Approx 70kDa band observed in Human Lung lysates and approx 75kDa in preliminary testing of Mouse and Rat Liver and KNRK, MDCK, and nuclear NIH3T3 cell lysate (calculated MW of 67.8kDa according to NP_006155.2). This molecular weight rate is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature. Immunofluorescence: Strong expression of the protein seen in the cytoplasm and nuclei of U2OS and HeLa cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.
Immunogen	Peptide with sequence C-KHSSRLEAHLTRDE, from the internal region of the protein sequence according to NP_006155.2; NP_001138884.1; NP_001138885.1.
Note	This antibody is expected to recognize all reported isoforms (NP_006155.2; NP_001138884.1; NP_001138885.1).
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.



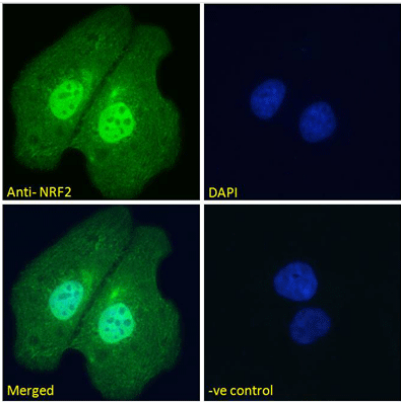
FCM (Flow Cytometry)

AAA13670 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



IF (Immunofluorescence)

AAA13670 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



IF (Immunofluorescence)

AAA13670 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149576
NCBI GeneID	4780
NCBI Accession #	NP_006155.2; NP_001138884.1; NP_001138885.1
NCBI GenBank Nucleotide #	NM_006164.4
NCBI Official Full Name	nuclear factor erythroid 2-related factor 2 isoform 1
NCBI Official Synonym Full Names	nuclear factor, erythroid 2 like 2
NCBI Official Symbol	NFE2L2
NCBI Official Synonym Symbols	NRF2; HEBP1
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; 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-peptide-elisa-western-blot-elisa/13670>