

Rabbit anti-Human NRF2 Monoclonal Antibody | anti-NFE2L2 antibody

NRF2 Rabbit PolymAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282618	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

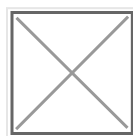
PRODUCT SYNONYMS

NRF2; Monoclonal Antibody; NRF2 Rabbit PolymAb; HEBP1; Nrf-2; IMDDHH; anti-NFE2L2 antibody

PRODUCT SPECIFICATIONS

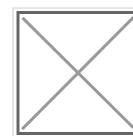
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	SPHFLNAFED SFSSILSTED PNQLTVNSLN SDATVNTDFG DEFYSAFIAE PSISNSMPSP ATLSHSLSEL LNGPIDVSDL SLCKAFNQNH PESTAEFNDS DSGISLNTSP SVASPEHSVE SSSYGD TLLG LSDSEVEELD SAPGSVKQNG PKTPVHSS
Applicable Applications for anti-NFE2L2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 243-400 of human NRF2 (NP_006155.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Confocal imaging of HeLa cells (treated with MG132) and HeLa cells (untreated) cells using NFE2L2 Rabbit PolymAb® (A0674-PM, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Human pancreas cancer tissue using NRF2 Rabbit PolymAb® (A0674-PM, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



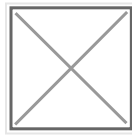
ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Mouse liver tissue using NRF2 Rabbit PolymAb® (A0674-PM, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



ICC (Immunocytochemistry)

Confocal imaging of Rat liver tissue using NRF2 Rabbit PolymAb® (A0674-PM, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



WB (Western Blot)

Western blot analysis of various lysates using NRF2 Rabbit PolymAb® (AAA282618) at 1:1000 dilution incubated overnight at 4?. NIH/3T3 cells and C6 cells were treated by MG132 (50 uM) at 37? for 90 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.

ADDITIONAL INFORMATION

Related Product Information for anti-NFE2L2 antibody	This gene encodes a transcription factor which is a member of a small family of basic leucine zipper (bZIP) proteins. The encoded transcription factor regulates genes which contain antioxidant response elements (ARE) in their promoters; many of these genes encode proteins involved in response to injury and inflammation which includes the production of free radicals. Multiple transcript variants encoding different isoforms have been characterized for this gene.
Product Categories/Family for anti-NFE2L2 antibody	Epigenetics Nuclear Signaling ; Transcription Factors ; Cell Biology Developmental Biology ; Endocrine Metabolism ; Mitochondrial metabolism ; Nucleotide metabolism ; Cardiovascular ; Heart ; Antibodies

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	Calculated MW: 68kDa Observed MW: 97-100kDa
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://stage.aaabiotech.com/monoclonal/nrf2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282618>