

Rabbit Nrf2 Polyclonal Antibody | anti-Nrf2 antibody

Nrf2 (Acetyl-Lys599) Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30778	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunohistochemistry, ELISA

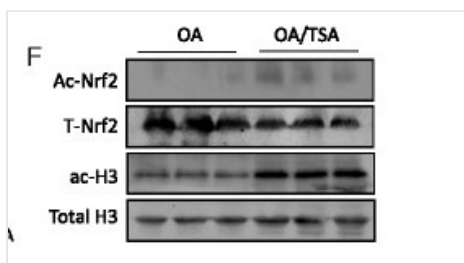
PRODUCT SYNONYMS

Nrf2; Polyclonal Antibody; Nrf2 (Acetyl-Lys599) Rabbit Polyclonal Antibody; NFE2L2; NRF2; Nuclear factor erythroid 2-related factor 2; NF-E2-related factor 2; NFE2-related factor 2; HEBP1; Nuclear factor; erythroid derived 2; like 2; BH6842; anti-Nrf2 antibody

PRODUCT SPECIFICATIONS

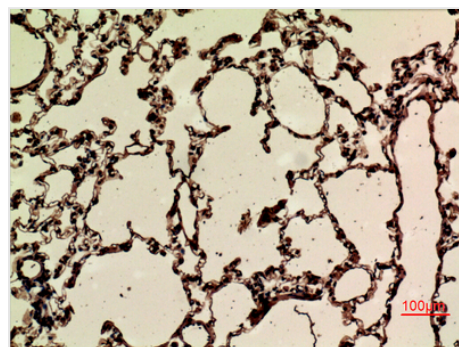
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Acetyl-Nrf2 (K599) Polyclonal Antibody detects endogenous levels of Nrf2 protein only when acetylation at K599.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Nrf2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1/500-1/2000 IHC-p: 1:100-300 ELISA: 1/10000
Immunogen	Synthesized acetyl-peptide derived from the C-terminal region of human Nrf2 around the acetylation site of K599.
Modification	Acetyl Specific
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



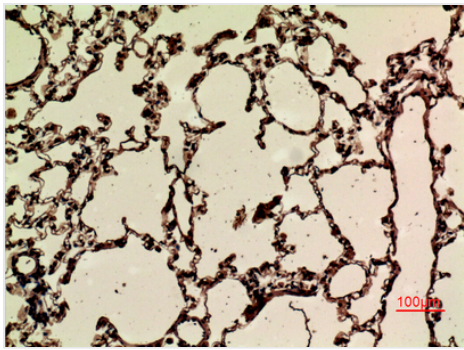
Application Data

Cai, Dawei, et al. "Histone deacetylase inhibition activates Nrf2 and protects against osteoarthritis." Arthritis research & therapy 17.1 (2015): 269.



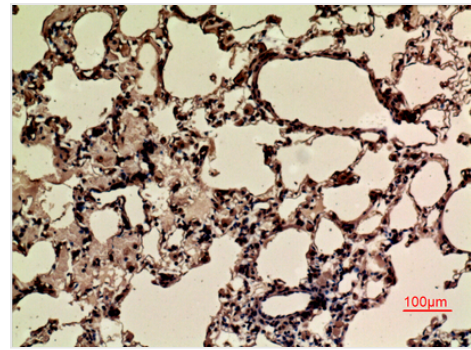
WB (Western Blot)

Western Blot analysis of A549 cells using Acetyl-Nrf2 (K599) Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000



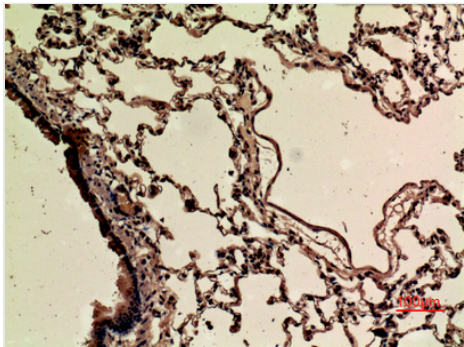
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat-lung, antibody was diluted at 1:100



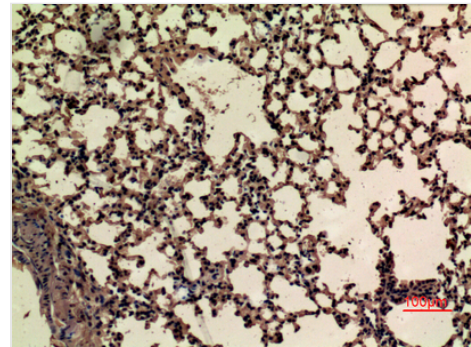
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat-lung, antibody was diluted at 1:100



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat-lung, antibody was diluted at 1:100



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse-lung, antibody was diluted at 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-Nrf2 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. [provided by RefSeq, Sep 2015]

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nrf2-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/30778>