

Nrf2 (Acetyl Lys599) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06172
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized acetyl-peptide derived from the C-terminal region of human Nrf2 around the acetylation site of K599.
Mol wt	75-100
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Nrf2 (Acetyl Lys599) Antibody
Synonyms	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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

NFE2L2 encodes a transcription factor (nuclear factor, erythroid 2 like 2) 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 NFE2L2.

Recommended Dilution

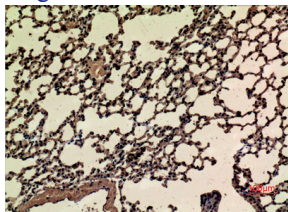
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 300

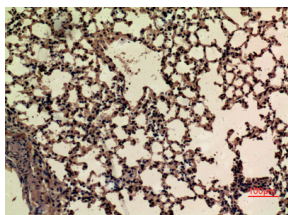
ELISA: 1: 10000

Not yet tested in other applications.

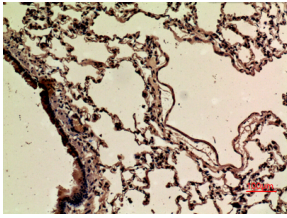
Images



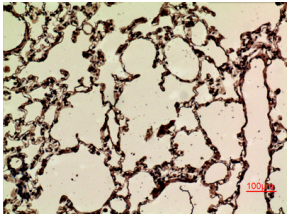
Immunohistochemical analysis of paraffin-embedded mouse-lung, antibody was diluted at 1:100



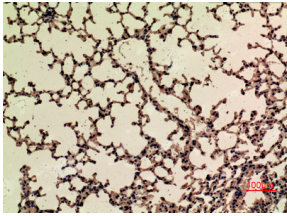
Immunohistochemical analysis of paraffin-embedded mouse-lung, antibody was diluted at 1:100



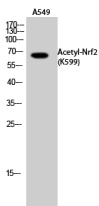
Immunohistochemical analysis of paraffin-embedded rat-lung, antibody was diluted at 1:100



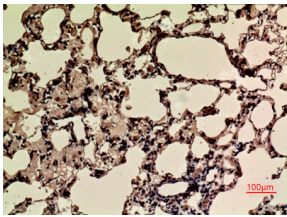
Immunohistochemical analysis of paraffin-embedded rat-lung, antibody was diluted at 1:100



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



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



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

Storage

-20°C for one year

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