

## Anti-NFE2L2 antibody

<b>Cat. No.</b>	ml221053
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-NFE2L2 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human NFE2L2
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.2 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	NFE2L2
<b>Full name</b>	nuclear factor (erythroid-derived 2)-like 2

<b>Synonyms</b>	NRF2
<b>Swissprot</b>	Q16236

#### Target Background

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 found for this gene.

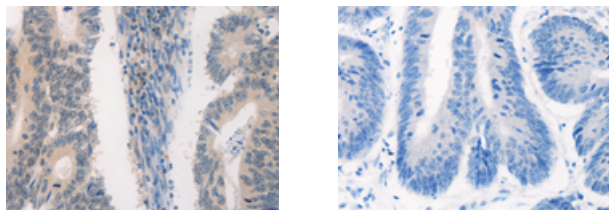
## Applications

### Immunohistochemistry

Predicted cell location: cytoplasm

Positive control: Human colon cancer

Recommended dilution: 5-20



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml221053(NFE2L2 Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 68 kDa

Positive control: Mouse lung tissue

Recommended dilution: 500-2000

Gel: 10%SDS-PAGE

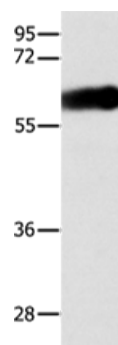
Lysate: 60  $\mu$ g

Lane: Mouse lung tissue

Primary antibody: ml221053(NFE2L2 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 minutes



#### ELISA

Recommended dilution: 1000-5000

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