BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Nrf2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06174
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Nrf2. AA range:556-605
Mol wt	75-100
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Nrf2 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 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

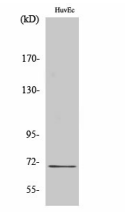
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

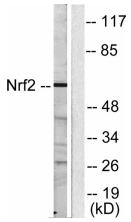
ELISA: 1: 40000

Not yet tested in other applications.

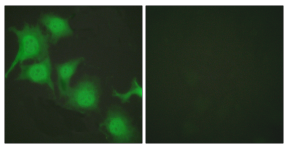
Images



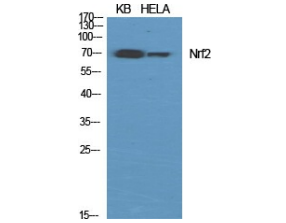
Western Blot analysis of HuvEc cells using Nrf2 Polyclonal Antibody diluted at 1:1000



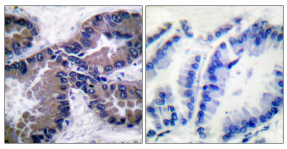
Western blot analysis of lysates from HUVEC cells, using Nrf2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of HUVEC cells, using Nrf2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Nrf2 Polyclonal Antibody diluted at 1:1000



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Nrf2 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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