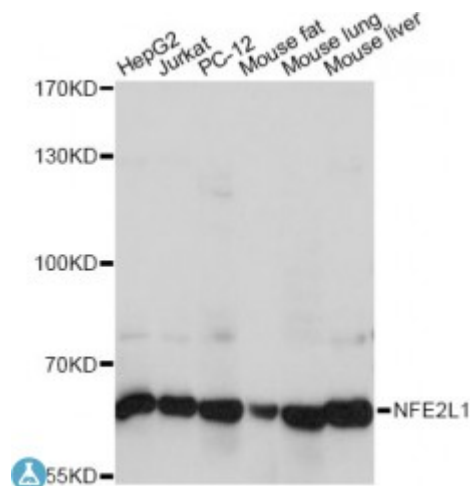


Anti-NFE2L1 Antibody



Description

This gene encodes a protein that is involved in globin gene expression in erythrocytes. Confusion has occurred in bibliographic databases due to the shared symbol of NRF1 for this gene, NFE2L1, and for 'nuclear respiratory factor 1' which has an official symbol of NRF1.

Model	STJ116953
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 515-772 of human NFE2L1 (NP_003195.1).
Gene ID	4779
Gene Symbol	NFE2L1
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Endoplasmic reticulum membrane sensor NFE2L1 Locus control region-factor 1 LCR-F1 Nuclear factor erythroid 2-related factor 1 NF-E2-related factor 1 NFE2-related factor 1 Nuclear factor erythroid derived 2 l
Molecular Weight	84.704 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:7781 OMIM:163260
Alternative Names	Endoplasmic reticulum membrane sensor NFE2L1 Locus control region-factor 1 LCR-F1 Nuclear factor erythroid 2-related factor 1 NF-E2-related factor 1 NFE2-related factor 1 Nuclear factor erythroid derived 2 l
Function	Endoplasmic reticulum membrane sensor NFE2L1: Endoplasmic reticulum membrane sensor that translocates into the nucleus in response to various stresses to act as a transcription factor , In response to ascorbic acid induction, activates expression of SP7/Osterix in osteoblasts,
Cellular Localization	Endoplasmic reticulum membrane sensor NFE2L1: Endoplasmic reticulum membrane,
Post-translational Modifications	Endoplasmic reticulum membrane sensor NFE2L1: Cleaved at Leu-104 by the aspartyl protease DDI2 following retrotranslocation, releasing the protein from the endoplasmic reticulum membrane and forming the transcription factor NRF1 that translocates into the nucleus complex in the nucleus, leading to its degradation by the proteasome,

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