

For Research Use Only

# NFE2L1 Polyclonal antibody

Catalog Number: 17062-1-AP **2 Publications**



## Basic Information

**Catalog Number:**

17062-1-AP

**Size:**

240 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG10832

**GenBank Accession Number:**

BC010623

**GeneID (NCBI):**

4779

**UNIPROT ID:**

Q14494

**Full Name:**

nuclear factor (erythroid-derived 2)-like 1

**Calculated MW:**

772 aa, 85 kDa

**Observed MW:**

65 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IF 1:200-1:800

## Applications

**Tested Applications:**

IF/ICC, WB, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human, mouse

**Cited Species:**

human, rat

**Positive Controls:**

**WB :** HEK-293 cells, NIH/3T3 cells

**IF :** HepG2 cells,

## Background Information

NFE2L1, also named as HBZ17, NRF1, TCF11 and LCR-F1, belongs to the bZIP family and CNC subfamily. It activates erythroid-specific, globin gene expression. NFE2L1 is involved in mediating ascorbic acid-induced osterix expression and osteoblast differentiation via binding to the antioxidant response element of the osterix promoter. NFE2L1, produced by osteoblasts, is involved in regulating osterix expression, osteoblast differentiation, and bone formation. (PMID:19887580). This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human ESRRG.

## Notable Publications

Author	Pubmed ID	Journal	Application
Shuai Wang	32188015	Int J Mol Sci	WB
Jie Xing	37243831	Stem Cell Rev Rep	WB,IHC

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

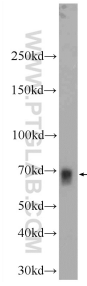
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E: Proteintech-CN@ptglab.com

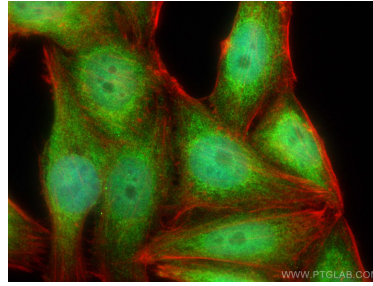
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## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 17062-1-AP (NFE2L1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NFE2L1 antibody (17062-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).