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# NFE2L3 Antibody(C-term)

**Affinity Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP19864B**

## Specification

### NFE2L3 Antibody(C-term) - Product Information

| | |
|---|---|
| Application | **WB,E** |
| Primary Accession | Q9Y4A8 |
| Other Accession | NP_004280.5 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **76154** |
| Antigen Region | **666-694** |

### NFE2L3 Antibody(C-term) - Additional Information

**Gene ID** 9603

**Other Names**
Nuclear factor erythroid 2-related factor 3, NF-E2-related factor 3, NFE2-related factor 3, Nuclear factor, erythroid derived 2, like 3, NFE2L3, NRF3

**Target/Specificity**
This NFE2L3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 666-694 amino acids from the C-terminal region of human NFE2L3.

**Dilution**
WB~~1:1000

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
NFE2L3 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### NFE2L3 Antibody(C-term) - Protein Information

**Name** NFE2L3

**Synonyms** NRF3

**Function** Activates erythroid-specific, globin gene expression.

**Cellular Location**
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00978}.

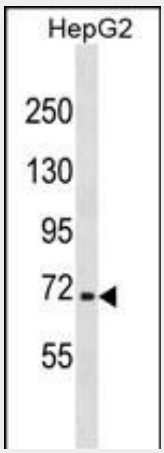
**Tissue Location**
Highly expressed in human placenta and also in B- cell and monocyte cell lines. Low expression in heart, brain, lung, skeletal muscle, kidney and pancreas.

## NFE2L3 Antibody(C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

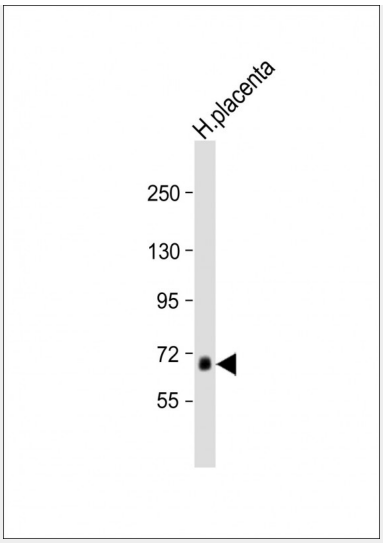
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## NFE2L3 Antibody(C-term) - Images




NFE2L3 Antibody (C-term) (Cat. #AP19864b) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the NFE2L3 antibody detected the NFE2L3 protein (arrow).

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Anti-NFE2L3 Antibody (C-term) at 1:1000 dilution + human placenta lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 76 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

**NFE2L3 Antibody(C-term) - Background**

This gene encodes a member of the cap 'n' collar basic-region leucine zipper family of transcription factors. The encoded protein heterodimerizes with small musculoaponeurotic fibrosarcoma factors to bind antioxidant response elements in target genes. This protein is a membrane bound glycoprotein that is targeted to the endoplasmic reticulum and the nuclear envelope. Pseudogenes of this gene are found on chromosomes 16, 17, and 18.

**NFE2L3 Antibody(C-term) - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Davila, S., et al. Genes Immun. 11(3):232-238(2010)
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Zhang, Y., et al. J. Biol. Chem. 284(5):3195-3210(2009)

**NFE2L3 Antibody(C-term) - Citations**

- NFE2L3 drives hepatocellular carcinoma cell proliferation by regulating the proteasome-dependent degradation of ISGylated p53
- NFE2L3 promotes malignant behavior and EMT of human hepatocellular carcinoma (HepG2) cells via Wnt/β-catenin pathway
- ALKBH7 mediates necrosis via rewiring of glyoxal metabolism