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# NFE4 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21375b

## Product Information

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| **Application** | WB, E |
| **Primary Accession** | Q86UQ8 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB51299 |
| **Calculated MW** | 19019 |

## Additional Information

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| **Other Names** | Transcription factor NF-E4, NFE4 |
| **Target/Specificity** | This NFE4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 135-169 amino acids from the C-terminal region of human NFE4. |
| **Dilution** | WB~~1:2000 E~~Use at an assay dependent concentration. |
| **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** | NFE4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | NFE4 |
| **Function** | Functions as part of the SSP (stage selector protein) complex, a complex that contributes to the preferential expression of the gamma-gene in fetal erythroid cells by facilitating the interaction of the gamma-globin genes with enhancer elements contained in the locus control region (LCR). The complex binds to the stage selector element (SSE) in the proximal gamma-globin promoter. In contrast, isoform 2 acts as a repressor of gamma-globin gene expression by preventing NFE2 and RNA polymerase II recruitment to the promoter. |

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| **Cellular Location** | Nucleus. |
| **Tissue Location** | Specifically expressed in fetal liver, cord blood and bone marrow. Also expressed in the K562 and HEL cell lines, which constitutively express the fetal globin genes |

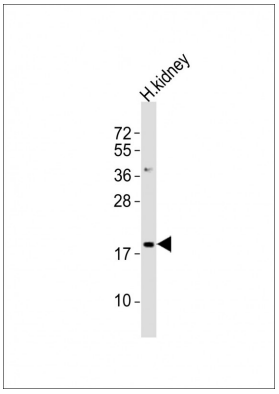
## Background

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## References


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Hillier L.W.,et al.Nature 424:157-164(2003).
Zhao Q.,et al.Blood 107:2138-2145(2006).
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## Images




Anti-NFE4 Antibody (C-term)at 1:2000 dilution + human kidney lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 19 kDa Blocking/Dilution buffer: 5% NFDM/TBST.


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.