

**Anti-NF-E4 (AcK43) Antibody**  
**Rabbit polyclonal antibody to NF-E4 (AcK43)**  
**Catalog # AP61138****Specification**

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**Anti-NF-E4 (AcK43) Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q86UQ8</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19019

**Anti-NF-E4 (AcK43) Antibody - Additional Information****Other Names**

Transcription factor NF-E4

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NF-E4 (AcK43). The exact sequence is proprietary.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-NF-E4 (AcK43) Antibody - Protein Information****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.

**Cellular Location**

Nucleus.

**Tissue Location**

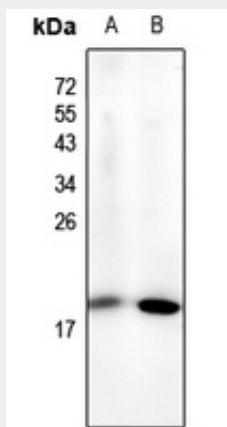
Specifically expressed in fetal liver, cord blood and bone marrow. Also expressed in the K562 and HEL cell lines, which constitutively express the fetal globin genes

### **Anti-NF-E4 (AcK43) Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Anti-NF-E4 (AcK43) Antibody - Images**



Western blot analysis of NF-E4 (AcK43) expression in SP20 (A), HeLa (B) whole cell lysates.

### **Anti-NF-E4 (AcK43) Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NF-E4 (AcK43). The exact sequence is proprietary.