

**NF-E4 (Acetyl Lys43) Polyclonal Antibody**  
**Catalog # AP63246****Specification**

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**NF-E4 (Acetyl Lys43) Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q86UQ8</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**NF-E4 (Acetyl Lys43) Polyclonal Antibody - Additional Information****Other Names**

NFE4; Transcription factor NF-E4

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**NF-E4 (Acetyl Lys43) Polyclonal 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**

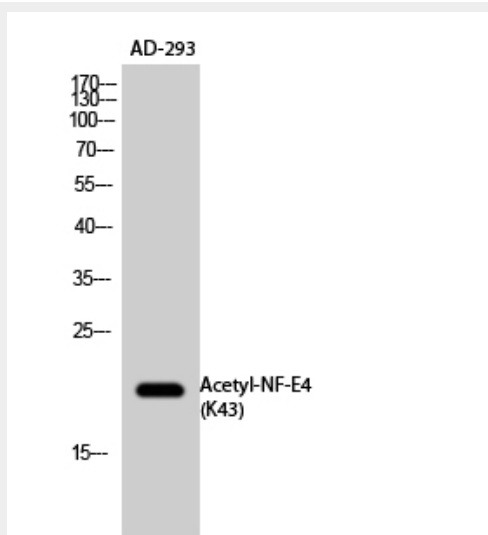
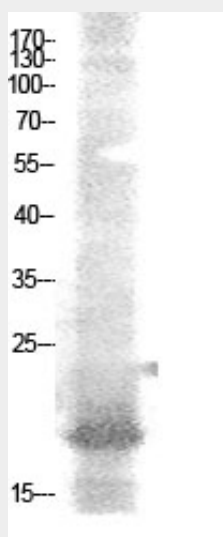
Specifically expressed in fetal liver, cord blood and bone marrow. Also expressed in the K562 and HEL cell lines, which constitutively express the fetal globin genes

**NF-E4 (Acetyl Lys43) Polyclonal 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](#)

#### **NF-E4 (Acetyl Lys43) Polyclonal Antibody - Images**



#### **NF-E4 (Acetyl Lys43) Polyclonal Antibody - Background**

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.