

**EKLF Polyclonal Antibody**  
**Catalog # AP73608****Specification**

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**EKLF Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q13351</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**EKLF Polyclonal Antibody - Additional Information****Gene ID** 10661**Other Names**

KLF1; EKLF; Krueppel-like factor 1; Erythroid krueppel-like transcription factor; EKLF

**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

**EKLF Polyclonal Antibody - Protein Information****Name** KLF1**Synonyms** EKLF**Function**

Transcription regulator of erythrocyte development that probably serves as a general switch factor during erythropoiesis. Is a dual regulator of fetal-to-adult globin switching. Binds to the CACCC box in the beta-globin gene promoter and acts as a preferential activator of this gene. Furthermore, it binds to the BCL11A promoter and activates expression of BCL11A, which in turn represses the HBG1 and HBG2 genes. This dual activity ensures that, in most adults, fetal hemoglobin levels are low. Able to activate CD44 and AQP1 promoters (PubMed:<a href="http://www.uniprot.org/citations/21055716" target="\_blank">21055716</a>). When sumoylated, acts as a transcriptional repressor by promoting interaction with CDH2/M12beta and also represses megakaryocytic differentiation.

**Cellular Location**

Nucleus. Note=Colocalizes with SUMO1 in nuclear speckles.

**Tissue Location**

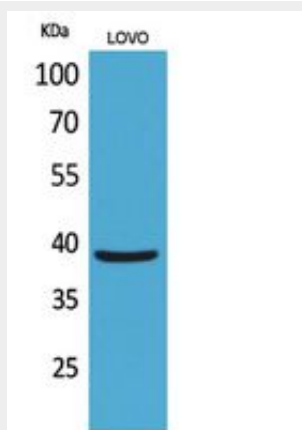
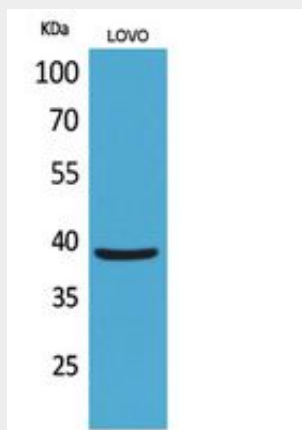
Expression restricted to adult bone marrow and fetal liver. Not expressed in myeloid nor lymphoid cell lines

### EKLF 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](#)

### EKLF Polyclonal Antibody - Images



### EKLF Polyclonal Antibody - Background

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