BT LAB
Bioassay Technology Laboratory
Optimize Your Research

EKLF/CKLF/UKLF Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02905
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human KLF. AA range:291-340
Mol wt	38221
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	EKLF/CKLF/UKLF Antibody
Synonyms	KLF1; EKLF; Krueppel-like factor 1; Erythroid krueppel-like transcription factor; EKLF; KLF5; BTEB2; CKLF; IKLF; Krueppel-like factor 5; Basic transcription element-binding protein 2; BTE-binding prot

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

KLF1 encodes a hematopoietic-specific transcription factor that induces high-level expression of adult beta-globin and other erythroid genes. The zinc-finger protein binds to the DNA sequence CCACACCCT found in the beta hemoglobin promoter. Heterozygous loss-of-function mutations in KLF1 result in the dominant In (Lu) blood phenotype.

Recommended Dilution

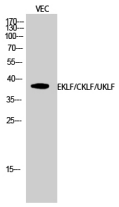
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

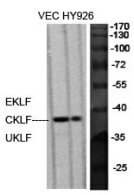
ELISA: 1: 20000

Not yet tested in other applications.

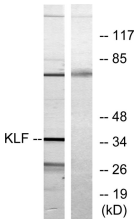
Images



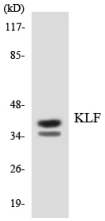
Western Blot analysis of VEC cells using EKLF/CKLF/UKLF Polyclonal Antibody diluted at 1:500 cells nucleus.



Western Blot analysis of various cells using EKLF/CKLF/UKLF Polyclonal Antibody diluted at 1:500 cells nucleus.



Western blot analysis of lysates from Jurkat cells, treated with serum 20% 15', using KLF Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using KLF antibody.

Storage

-20°C for one year

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