



Rabbit Anti-Human KLF1 monoclonal antibody, clone 26I54M5 (CABT-L1442)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Bovine and Pig.
Target	KLF1
Immunogen	Peptides corresponding to Human KLF1 (aa 253-269, 40-57)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	26I54M5
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ICC, IF, WB Recommended concentration: IF: 2 µg/mL; ICC: 2 µg/mL; WB: 1-2 µg/mL
Format	Liquid
Concentration	0.5 mg/ml
Size	100 µg
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide

Storage

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction

KLF1 is 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 this gene result in the dominant Inblood phenotype.

Keywords

KLF1;Kruppel-like factor 1 (erythroid);Krueppel-like factor 1;EKLF;erythroid Kruppel like factor;monoclonal A3D8;erythroid Kruppel-like factor;erythroid krueppel-like transcription factor;erythroid-specific transcription factor EKLF;INLU;HBFQTL6

GENE INFORMATION

Entrez Gene ID

[10661](#)

UniProt ID

[Q13351](#)
