KLF1 Polyclonal Antibody

Catalog No. E-AB-19799

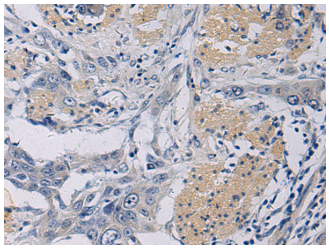
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

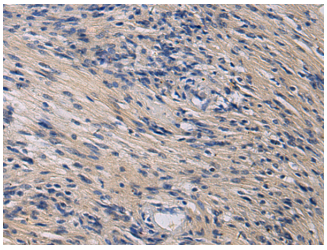
Reactivity	Human
Immunogen	Synthetic peptide of human KLF1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications	Recommended Dilution
IHC	1:50-1:100

Data



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using KLF1 Polyclonal Antibody at dilution of 1:35(×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using KLF1 Polyclonal Antibody at dilution of 1:35(×200)

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

This gene 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 this gene result in the dominant In(Lu) blood phenotype.KLF1 (Kruppel Like Factor 1) is a Protein Coding gene. Diseases associated with KLF1 include Dyserythropoietic Anemia, Congenital, Type Iv and Hereditary Persistence Of Fetal Hemoglobin-Sickle Cell Disease Syndrome. Among its related pathways are Hematopoietic Stem Cell Differentiation. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and core promoter proximal region sequence-specific DNA binding. An important paralog of this gene is KLF4.

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