

KLF1 Polyclonal Antibody

catalog number: E-AB-19799

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

Description

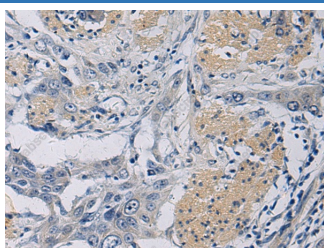
Reactivity	Human
Immunogen	Synthetic peptide of human KLF1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

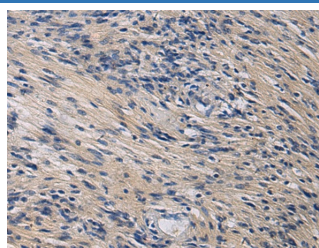
Recommended Dilution

IHC	1:50-1:100
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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°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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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Rev. V1.7