003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

KLF1 Polyclonal Antibody

Cat #: G-AB-04905

Host: Rabbit **Reactivity:** Human

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.

Gene ID:

Accession #: NP006554

Immunogen: Synthetic peptide of human KLF1

Conjugation: Unconjugated

Swissprot: Q13351

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 0.96 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: IHC,ELISA

Dilution: IHC 1:50-1:100, ELISA 1:2000-1:5000

Storage: Store at -20°C. Avoid freeze / thaw cycles.