Anti-Human /Mouse /Rat GFI1B Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03536

3th Edition

Description: This gene encodes a zinc-finger containing transcriptional regulator that is primarily expressed in cells of hematopoietic lineage. The encoded protein complexes with numerous other transcriptional regulatory proteins including GATA-1, runt-related transcription factor 1 and histone deacetylases to control expression of genes involved in the development and maturation of erythrocytes and megakaryocytes. Mutations in this gene are the cause of the autosomal dominant platelet disorder, platelet-type bleeding disorder-17. Alternate splicing results in multiple transcript variants.GFI1B (Growth Factor Independent 1B Transcriptional Repressor) is a Protein Coding gene. Diseases associated with GFI1B include Bleeding Disorder, Platelet-Type, 17 and Gray Platelet Syndrome. Among its related pathways are NF-kappaB Signaling. GO annotations related to this gene include RNA polymerase II transcription factor binding. An important paralog of this gene is GFI1.

Antigen: Synthetic peptide of human GFI1B

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in bone marrow and fetal liver, but also detectable in fetal spleen, fetal thymus, and testes. Detected in hematopoietic stem cells, erythroblasts, and megakaryocytes. Overexpressed in bone marrow of patients with erythroleukemia and megakaryocytic leukemia as well as in their corresponding leukemic cell lines, and markedly repressed in severe aplastic anemia (SAA).