Hemoglobin alpha Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 251337
Unit: 0.1 mg

Description:
Hemoglobin alpha is involved in oxygen transport from the lung to the various peripheral tissues. Defects in hemoglobin alpha are the cause of alpha-thalassemia (A-THAL). The thalassemias are the most common monogenic diseases and occur mostly in Mediterranean and Southeast Asian populations. The hallmark of alpha-thalassemia is an imbalance in globin-chain production in the adult HbA molecule. The level of alpha chain production can range from none to very nearly normal levels. Untreated, most patients die in childhood or early adolescence.

Isotype: Rabbit Ig
Applications: E, IHC, WB
Species Reactivity: B, Ck, H, M, R
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.
Alternate Names: HBA1; Hemoglobin alpha; Hemoglobin alpha 1; Hemoglobin subunit alpha; Hemoglobin alpha chain; Alpha-globin; HBA1
Accession No.: P69905

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human hemoglobin alpha.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.