
Ankyrin-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252063

Unit: 0.1 mg

Description:

Ankyrin-1 attaches (ANK1) integral membrane proteins to cytoskeletal elements. Erythrocyte ankyrins link spectrin (beta chain) to the cytoplasmic domain of the erythrocytes anion exchange protein. Defects in ANK1 are a cause of spherocytosis type 1 (SPH1), also called hereditary spherocytosis type 1 (HS1). Spherocytosis is a hematologic disorder leading to chronic hemolytic anemia and characterized by numerous abnormally shaped erythrocytes which are generally spheroidal. Inheritance can be autosomal dominant or recessive.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

Format: Each vial contains 0.1 mg serum 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: Ankyrin-1; ANK-1; Erythrocyte ankyrin; Ankyrin-R; ANK1; ANK

Accession No.: P16157

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ankyrin-1.

Application Notes: E: 1:500-1:1,000; WB: 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.