
Spectrin alpha Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251157

Unit: 0.1 mg

Description:

Spectrin alpha (SPTAN1) is involved in secretion, interacts with calmodulin in a calcium-dependent manner and plays a role in the calcium-dependent movement of the cytoskeleton at the membrane. Defects in SPTAN1 are the cause of epileptic encephalopathy early infantile type 5 (EIEE5). EIEE5 is a disorder characterized by seizures associated with hypsarrhythmia, profound mental retardation with lack of visual attention and speech development, as well as spastic quadriplegia.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, B, D, Ck

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: Spectrin alpha chain, brain; Spectrin, non-erythroid alpha chain; Alpha-II spectrin; Fodrin alpha chain; SPTAN1; SPTA2

Accession No.: Q13813

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human spectrin-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.