
SYNPO2L Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254384

Unit: 0.1 mg

Description:

SYNPO2L was initially identified as a novel heart-enriched gene that encodes a cytoskeletal protein highly expressed in the Z-disc of heart and skeletal muscle, associates with actin and interacts with α -actinin. It is a member of the synaptopodin family, sharing greatest homology with Synaptopodin 2. Recent studies have shown that SYNPO2L, while primarily localized to the sarcomere, can also translocate to the nucleus. A knockdown of SYNPO2L in zebrafish resulted in aberrant cardiac and skeletal muscle development and function, suggesting that it is a critical component of the sarcomere and plays an important role in muscle development.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: SYNPO2L; Synaptopodin 2-like; cytoskeletal heart-enriched actin-associated protein; CHAP

Accession No.: BAD37139

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human SYNPO2L.

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.