

SPRYD2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254492

Unit: 0.1 mg

Description:

SPRYD2, also known as Myospryn, was originally identified as the muscle-specific partner of dysbindin and as a Mef-2 target gene. It is a large scaffolding protein localized to the Z-disc/costamere region of striated muscle. SPRYD2 includes a noncanonical tripartite motif (TRIM-like) that lacks the RING domain but consists of a B-box coiled coil (BBC), fibronectin 3 (FN3) repeats, and SPRY domains. SPRYD2 interacts with desmin and calcineurin, and it has been suggested to play a role in the biogenesis of lysosome and negatively regulates slow-fiber-type transformation and skeletal muscle regeneration. SPRYD2 is dysregulated in Duchenne muscular dystrophy.

Isotype: Rabbit Ig

Applications: E, IF, IHC, WB

Species Reactivity: H, M, R

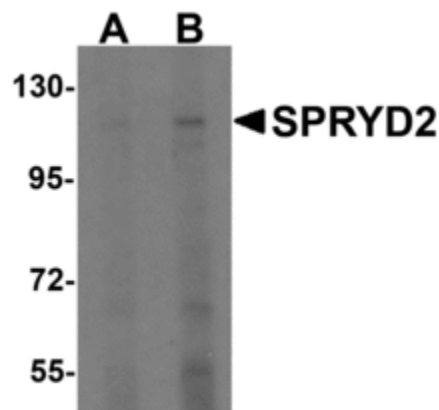
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: SPRY domain-containing protein 2; cardiomyopathy-associated protein 5; CMYA5; dystrobrevin-binding protein 2; DTNBP2; TRIM76; genethonin-3; myospryn; tripartite motif-containing protein 76; C5orf10; SPRYD2

Accession No.: NP_705838

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human SPRYD2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IF: 1:50-1:200; IHC: 1:100-1:500



Western blot analysis of SPRYD2 in rat brain tissue lysate with SPRYD2 Antibody (Cat. No. 254492) at (A) 1 and (B) 2 ug/ml.

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.