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Datasheet for ABIN7452441

anti-Spectrin, Beta, Non-erythrocytic 2 (SPTBN2) (AA 2150-2200) antibody

Overview

Quantity:	100 µg
Target:	Spectrin, Beta, Non-erythrocytic 2 (SPTBN2)
Binding Specificity:	AA 2150-2200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-SPTBN2/SCA5 Antibody, Affinity Purified
Immunogen:	between AA 2150 and 2200
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	Spectrin, Beta, Non-erythrocytic 2 (SPTBN2)
Alternative Name:	SPTBN2/SCA5 (SPTBN2 Products)
Background:	Background: SPTBN2/SCA5 is a member of the beta spectrin gene family and a subunit of the spectrin cytoskeletal scaffolding protein that links the plasma membrane to cytoskeletal actin

Target Details

and functions in cellular shape and organelle organization. SPTBN2/SCA5 has been identified as a Golgi- and vesicle-associated spectrin. Mutations in SPTBN2/SCA5 cause spinocerebellar ataxia type 5 (SCA5), an autosomal dominant disease characterized by progressive incoordination of gait, hand, speech, and eye movements.

Gene ID: 6712

NCBI Accession: [NP_008877](#)

UniProt: [O15020](#)

Pathways: [Regulation of Actin Filament Polymerization](#), [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: Not recommended. Use rabbit anti-SPTBN2/SCA5 antibody ABIN7450766.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months