



[Go to Product page](#)

Datasheet for ABIN7450766

## anti-Spectrin, Beta, Non-erythrocytic 2 (SPTBN2) (AA 2340-2390) antibody

### Overview

Quantity:	20 µg
Target:	Spectrin, Beta, Non-erythrocytic 2 (SPTBN2)
Binding Specificity:	AA 2340-2390
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-SPTBN2/SCA5 Antibody, Affinity Purified
Immunogen:	between AA 2340 and 2390
Isotype:	IgG
Predicted Reactivity:	Rat
Purification:	Affinity Purified

### Target Details

Target:	Spectrin, Beta, Non-erythrocytic 2 (SPTBN2)
Alternative Name:	SPTBN2/SCA5 ( <a href="#">SPTBN2 Products</a> )
Background:	Background: SPTBN2/SCA5 is a member of the beta spectrin gene family and a subunit of the

## Target Details

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spectrin cytoskeletal scaffolding protein that links the plasma membrane to cytoskeletal actin 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

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Application Notes: IP: 2 - 10 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 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