

Datasheet for ABIN7441313  
**anti-SPTBN4 antibody (AA 64-285)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	SPTBN4
Binding Specificity:	AA 64-285
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPTBN4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Spectrin Beta, Non Erythrocytic 4 (SPTbN4)
Immunogen:	Recombinant Spectrin Beta, Non Erythrocytic 4 (SPTbN4) corresponding to Lys64~Ser285 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SPTbN4. It has been selected for its ability to recognize SPTbN4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

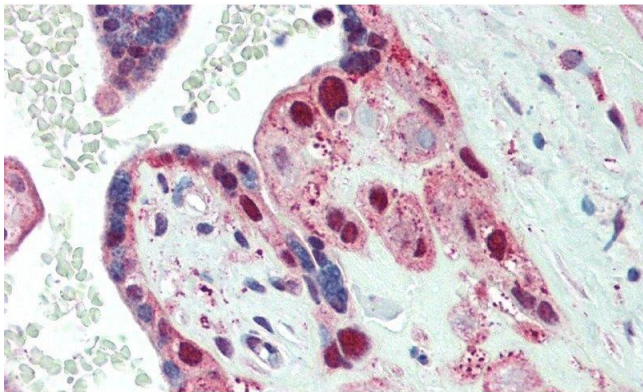
Target:	SPTBN4
Alternative Name:	Spectrin Beta, Non Erythrocytic 4 ( <a href="#">SPTBN4 Products</a> )
Background:	QV, SPNB4, SPTBN3, Beta-IV spectrin, Spectrin, non-erythroid beta chain 3
Pathways:	<a href="#">Sensory Perception of Sound</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Maintenance of Protein Location</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

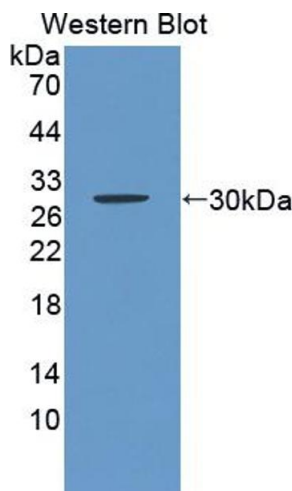
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

**Image 1.** Detection of SPTbN4 in Human Placenta Tissue using Polyclonal Antibody to Spectrin Beta, Non Erythrocytic 4 (SPTbN4)



Western Blotting

**Image 2.** Detection of Recombinant SPTbN4, Human using Polyclonal Antibody to Spectrin Beta, Non Erythrocytic 4 (SPTbN4)