

Datasheet for ABIN7438454

anti-SPTAN1 antibody (AA 922-1043)



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1 Image

Overview

Quantity:	100 µL
Target:	SPTAN1
Binding Specificity:	AA 922-1043
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPTAN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Alpha-Fodrin (SPTAN1)
Immunogen:	Recombinant Alpha-Fodrin (SPTAN1) corresponding to Glu922~Ala1043 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SPTAN1. It has been selected for its ability to recognize SPTAN1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

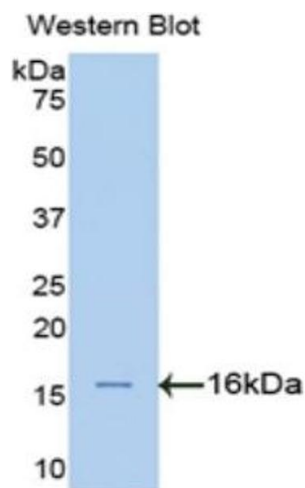
Target:	SPTAN1
Alternative Name:	SPTAN1 (SPTAN1 Products)
Background:	SPTAN1, NEAS, (ALPHA)II-SPECTRIN, Spectrin Alpha Non-Erythrocytic 1, Spectrin Alpha Chain,Brain, Spectrin, non-erythroid alpha subunit
UniProt:	Q13813
Pathways:	Caspase Cascade in Apoptosis , Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL,1:250-2500 Immunohistochemistry: 5-20 µg/mL,1:25-100 Immunocytochemistry: 5-20 µg/mL,1:25-100 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
Concentration:	500 µg/mL
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



Western Blotting

Image 1. Detection of recombinant SPTAN1 using Polyclonal Antibody to Alpha-Fodrin (SPTAN1)