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anti-SPTAN1 antibody (AA 1049-1207)

2 Images



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Overview

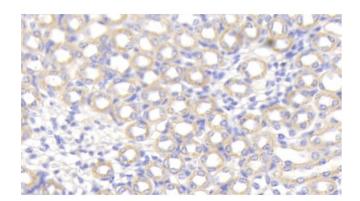
Quantity:	100 μL
Target:	SPTAN1
Binding Specificity:	AA 1049-1207
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPTAN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Alpha-Fodrin (SPTAN1)
Immunogen:	Recombinant Alpha-Fodrin (SPTAN1) corresdonding to Ile1049~Ser1207 (Accession # P16546)
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:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

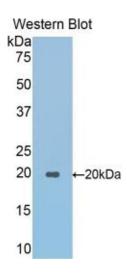
Target Details

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Target:	SPTAN1
Alternative Name:	Alpha-Fodrin (SPTAN1 Products)
Background:	SPTAN1, NEAS, (ALPHA)II-SPECTRIN, Spectrin Alpha Non-Erythrocytic 1, Spectrin Alpha
	Chain,Brain, Spectrin, non-erythroid alpha subunit
Pathways:	Caspase Cascade in Apoptosis, Regulation of Actin Filament Polymerization
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL
	1:150-600 Immunohistochemistry: 5-20 µg/mL
	1:15-60 Immunocytochemistry: 5-20 μg/mL
	1:15-60 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 SPTAN1 in Mouse Kidney Tissue using Polyclonal Antibody to Alpha-Fodrin (SPTAN1)



Western Blotting

Image 2. Detection of Recombinant SPTAN1, Mouse using Polyclonal Antibody to Alpha-Fodrin (SPTAN1)