

Datasheet for ABIN1938018
anti-SPTAN1 antibody (AA 1398-1685)



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1 Image

Overview

Quantity:	100 µL
Target:	SPTAN1
Binding Specificity:	AA 1398-1685
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SPTAN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant construct containing the 13th, 14th and 15th spectrin repeats of human alpha-II spectrin (amino acids 1398-1685). This construct was expressed in and purified from E. coli. Type of Immunogen: Recombinant protein
Clone:	3D7
Isotype:	IgG1
Specificity:	Human SPTAN1 / Alpha Fodrin
Purification:	Affinity purified

Target Details

Target:	SPTAN1
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Target Details

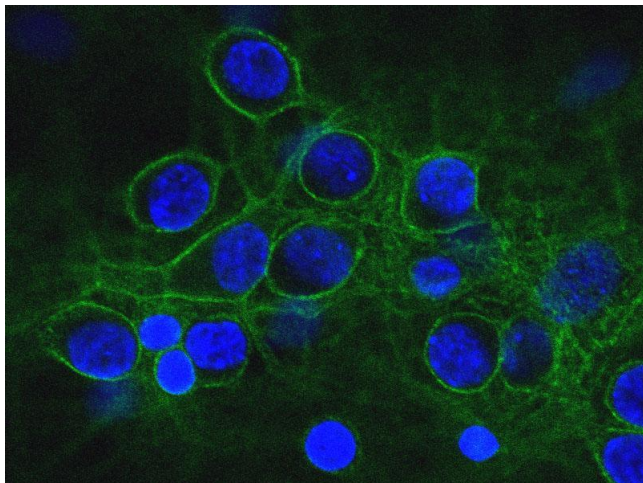
Alternative Name:	SPTAN1 / Alpha Fodrin (SPTAN1 Products)
Background:	Name/Gene ID: SPTAN1 Synonyms: SPTAN1, Alpha-II spectrin, Alpha Fodrin, Fodrin alpha chain, EIEE5, NEAS, Alpha-fodrin, Spectrin alpha chain, brain, SPTA2
Gene ID:	6709
Pathways:	Caspase Cascade in Apoptosis, Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Approved: ICC (1:500 - 1:1000), IF (1:500 - 1:1000), WB (1:5000 - 1:10000) Usage: The antibody preparation can be diluted to 1:500-1:1000 for immunofluorescence staining and 1:5000-1:10000 for western blotting. On western blots look for a major band at 240 kDa, depending on the species.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.



Immunocytochemistry

Image 1. Confocal image of mixed neuron-glia cultures stained with SPTAN1 / Alpha Fodrin antibody antibody to alpha-II spectrin (green) and counterstained for DNA (blue). The alpha-II spectrin antibody stains numerous axonal and dendritic profiles in these c ...