

Datasheet for ABIN6254051

anti-SPTAN1 antibody

2 Images



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Overview

Quantity:	100 µL
Target:	SPTAN1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SPTAN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant contstruct containing the 7th, 8th, 9th repeats of human alpha II spectrin
Clone:	3D7
Isotype:	IgG1
Cross-Reactivity:	Cow (Bovine), Human, Mouse (Murine), Rat (Rattus)
Purification:	Protein G purified culture supernatant

Target Details

Target:	SPTAN1
Alternative Name:	SPTAN1 (SPTAN1 Products)
Molecular Weight:	~240 kDa
Gene ID:	6709

Target Details

UniProt: [Q13813](#)

Pathways: [Caspase Cascade in Apoptosis, Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

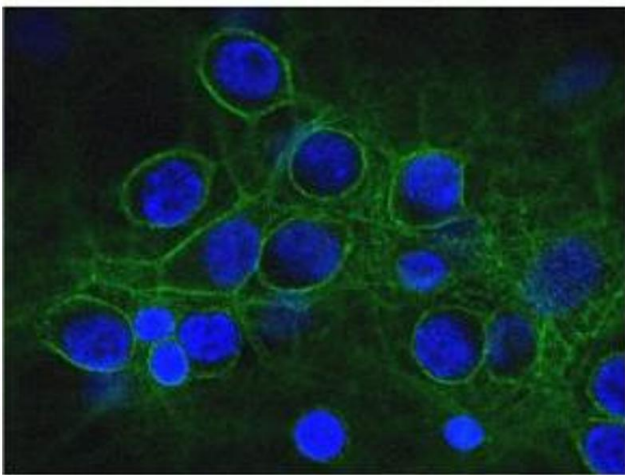
Buffer: 100 μ L in PBS + 10 mM Sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

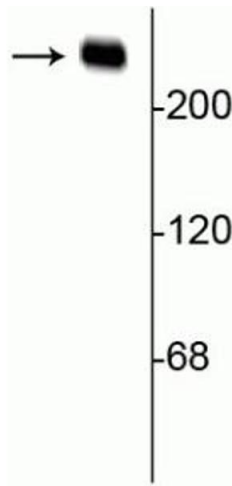
Storage: -20 °C

Images



Immunofluorescence

Image 1. Immunofluorescence of cultured rat neurons and glia showing axonal and dendritic staining of alpha II spectrin (green) revealing the submembranous cytoskeleton and DNA (blue).



Western Blotting

Image 2. Western blot of rat hippocampal lysate showing specific immunolabeling of the ~240 kDa alpha II spectrin protein.