

Product datasheet for **TA344294**

Alpha Fodrin (SPTAN1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, IP, WB
Recommended Dilution:	WB, IHC, IP
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SPTAN1 antibody: synthetic peptide directed towards the N terminal of human SPTAN1. Synthetic peptide located within the following region: MDPSGVKVLTAEDIQERRQQVLDYHFRFKELSTLRRQKLEDSYRFQFFQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	272 kDa
Gene Name:	spectrin alpha, non-erythrocytic 1
Database Link:	NP_003118 Entrez Gene 20740 Mouse Entrez Gene 64159 Rat Entrez Gene 6709 Human Q13813
Background:	Fodrin (SPTAN1), which seems to be involved in secretion, interacts with calmodulin in a calcium-dependent manner and is thus candidate for the calcium-dependent movement of the cytoskeleton at the membrane.
Synonyms:	EIEE5; NEAS; SPTA2
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 93%

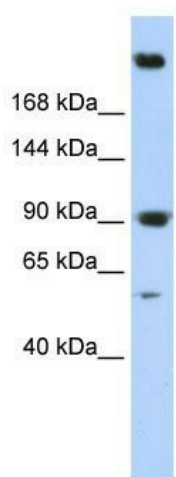


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Protein Families: Druggable Genome

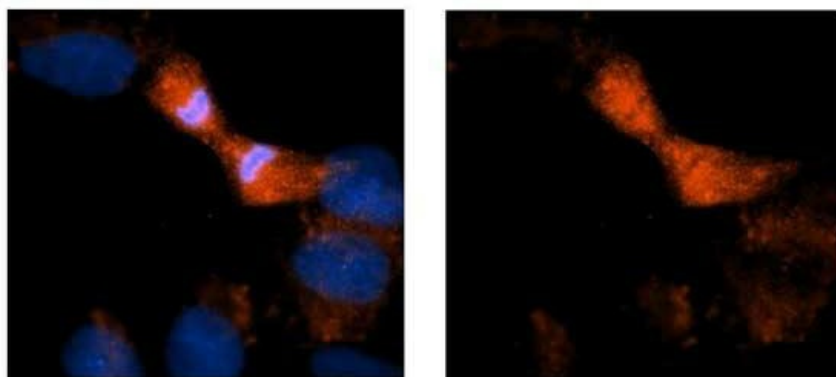
Protein Pathways: Tight junction

Product images:

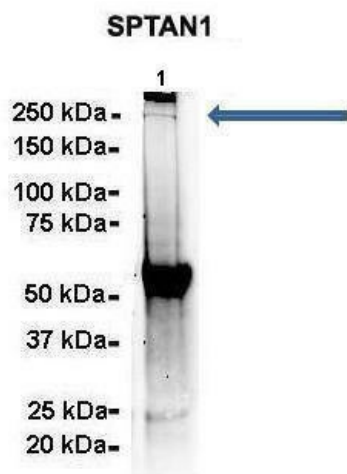


WB Suggested Anti-SPTAN1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: Hela cell lysate SPTAN1 is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells

SPTAN1



Immunohistochemistry with NT-2 cell line, mouse brain, and rat brain tissue



Amount and Sample Type : 500 ug mouse brain homogenate; Amount of IP Antibody : 6 ug; Primary Antibody : SPTAN1; Primary Antibody Dilution : 1:500; Secondary Antibody : Goat anti-rabbit Alexa-Fluor 594; Secondary Antibody Dilution : 1:5000; Gene Name : SP