

## SPTAN1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IP

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IP 1:20 - 1:50

**Calculated MW:**285/150kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human SPTAN1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

(ALPHA)II; SPTAN1;EIEE5;NEAS;SPTA2;

**Background:**

Alpha Fodrin is a member of the spectrin family of widely distributed filamentous proteins that form a supporting and organizing scaffold for cell membranes. Non-erythroid alpha spectrin, also called Alpha Fodrin, is a major cortical cytoskeletal protein that has been implicated in the establishment of specialized membrane- cytoskeletal domains in differentiating cells. Cleavage of Alpha Fodrin accompanies apoptosis, induced by activation via the CD3/T cell receptor complex, ligation of the Fas (CD95) molecule and other Fas-expressing cells, or treatment of cells with staurosporine, dexamethasone, or synthetic ceramide. The major products of the cleavage are amino-terminal (150 kDa) and carboxy-terminal (120 kDa and 35 kDa) fragments. Antibodies against Alpha Fodrin are observed in diseases characterized by chronic apoptosis, and are valuable in the evaluation fo Sicca- and Sj

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**Catalog #:**A0160

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6709

**Isotype:**IgG

**Swiss Prot:**Q13813

**Purity:**Affinity purification

For research use only.