

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;

Catalog #: A0160

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6709

Isotype: IgG

Swiss Prot: Q13813

Purity: Affinity purification

For research use only.

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 of Sj

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