

# **Alpha Fodrin Antibody**

Rabbit mAb Catalog # AP91370

#### **Specification**

### **Alpha Fodrin Antibody - Product Information**

Application WB, IHC, IP
Primary Accession Q13813
Reactivity Rat

Clonality Monoclonal

**Other Names** 

Alpha II Spectrin; EIEE5; Fodrin alpha chain; NEAS; SPECA; Spectrin; Spna2; SPTAN1;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 284539 Da

## **Alpha Fodrin Antibody - Additional Information**

Dilution WB~~1:1000

IHC~~1:100~500

IP~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

**Alpha Fodrin** 

Description Fodrin (also named nonerythroid spectrin)

is a universally expressed

membrane-associated cytoskeletal protein consisting of alpha- and beta-subunits (1). This protein is important for maintaining

normal membrane structure and

supporting cell surface protein function (1). Alpha-fodrin is one of the primary targets cleaved by caspases during

apoptosis.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline ,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

### **Alpha Fodrin Antibody - Protein Information**

Name SPTAN1

Synonyms NEAS, SPTA2

#### **Function**

Fodrin, which seems to be involved in secretion, interacts with calmodulin in a calcium-dependent



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manner and is thus candidate for the calcium-dependent movement of the cytoskeleton at the membrane.

#### **Cellular Location**

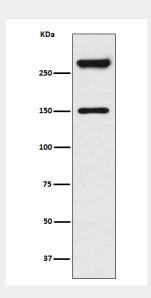
Cytoplasm, cytoskeleton. Cytoplasm, cell cortex. Note=Expressed along the cell membrane in podocytes and presumptive tubule cells during glomerulogenesis and is expressed along lateral cell margins in tubule cells.

### **Alpha Fodrin Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## Alpha Fodrin Antibody - Images



Western blot analysis of Alpha Fodrin expression in HeLa cell lysate treated with Camptothecin.