

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

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

Cellular Location

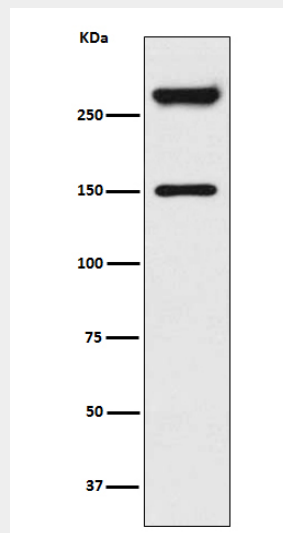
Cytoplasm, cytoskeleton. Cytoplasm, cell cortex. Note=Expressed along the cell membrane in podocytes and presumptive tubule cells during glomerulogenesis and is expressed along lateral cell margins in tubule cells.

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](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Alpha Fodrin Antibody - Images



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