

# Anti-Alpha Fodrin Rabbit Monoclonal Antibody

Catalog # ABO15165

## Product Information

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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC, IP                                                                                                                     |
| <b>Primary Accession</b> | <a href="#">Q13813</a>                                                                                                          |
| <b>Host</b>              | Rabbit                                                                                                                          |
| <b>Isotype</b>           | IgG                                                                                                                             |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                               |
| <b>Clonality</b>         | Monoclonal                                                                                                                      |
| <b>Format</b>            | Liquid                                                                                                                          |
| <b>Description</b>       | Anti-Alpha Fodrin Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 6709                                                                                                                                        |
| <b>Other Names</b>         | Spectrin alpha chain, non-erythrocytic 1, Alpha-II spectrin, Fodrin alpha chain, Spectrin, non-erythroid alpha subunit, SPTAN1, NEAS, SPTA2 |
| <b>Calculated MW</b>       | 284539                                                                                                                                      |
| <b>Application Details</b> | WB 1:1000-1:5000<br>IHC 1:50-1:200<br>IP 1:10                                                                                               |
| <b>Source</b>              | Eukaryota                                                                                                                                   |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                         |
| <b>Clone Names</b>         | Clone: 17S41                                                                                                                                |
| <b>Immunogen</b>           | A synthesized peptide derived from human Alpha Fodrin                                                                                       |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                     |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.  |

## Protein Information

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|-----------------|-------------------------------------------------------------------------------|
| <b>Name</b>     | SPTAN1                                                                        |
| <b>Synonyms</b> | NEAS, SPTA2                                                                   |
| <b>Function</b> | Fodrin, which seems to be involved in secretion, interacts with calmodulin in |

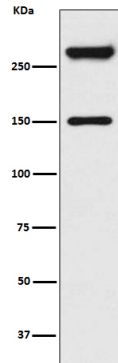
a calcium-dependent manner and is thus candidate for the calcium-dependent movement of the cytoskeleton at the membrane.

### 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.

### Images

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.