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alpha-Fodrin Blocking Peptide

Catalog # PBV10112b

Specification

alpha-Fodrin Blocking Peptide - Product Information

Primary Accession	P16546
Gene ID	20740
Calculated MW	284597

alpha-Fodrin Blocking Peptide - Additional Information

Application & Usage	**The peptide is used for blocking the antibody activity of α-Fodrin. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.**

Other Names
Spectrin alpha chain, non-erythrocytic 1, Alpha-II spectrin, Fodrin alpha chain, Sptan1, Spna2, Spta2

Target/Specificity
alpha-Fodrin

Formulation
50 µg (0.5 mg/ml) α-Fodrin peptide in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
alpha-Fodrin Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

alpha-Fodrin Blocking Peptide - Protein Information

Name Sptan1

Synonyms Spna2, 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 Blocking Peptide - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

alpha-Fodrin Blocking Peptide - Images