

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 μ g (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 Cytometry](#)
- [Cell Culture](#)

alpha-Fodrin Blocking Peptide - Images