

Product Name: Alpha Fodrin (15V11) Rabbit Monoclonal Antibody
Catalog #: AMRe06793

Summary

Production Name	Alpha Fodrin (15V11) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	SPTAN1
Alternative Names	Alpha II Spectrin; EIEE5; Fodrin alpha chain; NEAS; SPECA; Spectrin; Spna2; SPTAN1;
Gene ID	6709.0
SwissProt ID	Q13813.

Application

Dilution Ratio	WB 1:1000-1:5000
Molecular Weight	285kDa

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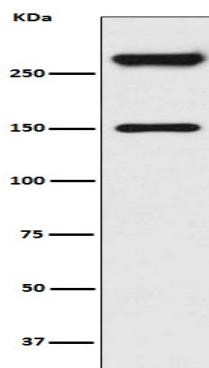


Background

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. 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.

Research Area

Image Data



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

Note

For research use only.