



Cleaved-Spectrin α II (D1185) Polyclonal Antibody

Cat #: ABP50054

Size: 30 μ l /100 μ l /200 μ l

Product Information

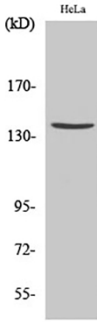
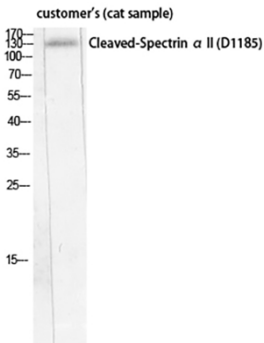
	Product Name: Cleaved-Spectrin α II (D1185) Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP50054	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: Spectrins are a family of filamentous cytoskeletal proteins that function as essential scaffold proteins that stabilize the plasma membrane and organize intracellular organelles. Spectrins are composed of alpha and beta dimers that associate to form tetramers linked in a head-to-head arrangement. SPTAN1 encodes an alpha spectrin that is specifically expressed in nonerythrocytic cells. Spectrin alpha chain non-erythrocytic 1 has been implicated in other cellular functions including DNA repair and cell cycle regulation. Mutations in SPTAN1 are the cause of early infantile epileptic encephalopathy-5. Alternate splicing results in multiple transcript variants.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

	<p>Fig.1. Western Blot analysis of various cells using Cleaved-Spectrin α II (D1185) Polyclonal Antibody diluted at 1:500.</p>
	<p>Fig.2. Western Blot analysis of customer's (cat sample) using Cleaved-Spectrin α II (D1185) Polyclonal Antibody diluted at 1:500.</p>

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.