

α-Fodrin Polyclonal Antibody

CATALOG NO:	3266-30T 30 µg (Trial size)
	3266-100 100 µg
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 162 of mouse alpha-Fodrin (Internal ID# BV-506)
SPECIES REACTIVITY:	Human, Mouse, Rat, Chick

FORMULATION:

0.5 mg/ml affinity purified rabbit anti-α-Fodrin polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin.

STORAGE CONDITIONS:

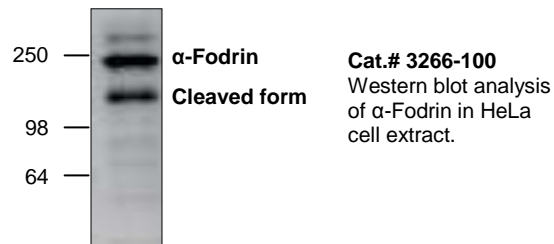
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

Fodrin is a universally expressed membrane-associated cytoskeletal protein consisting of α- and β-subunits. The protein is important for maintaining normal membrane structure and supporting cell surface protein function. α-Fodrin is one of the important targets cleaved by caspases during apoptosis. The full length 240 kDa protein can be cleaved at several sites within its sequence by activated caspases generating N-terminal 150 kDa, C-terminal 120 kDa, and 35 kDa major products. Cleavage of α-Fodrin leads to membrane malfunction and cell shrinkage.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). Based on researcher's feedback, it can also be used in immunohistochemistry (10-20 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3266BP-50) is available separately.



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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
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