

Datasheet for ABIN925765 **anti-DFFA antibody (N-Term)**

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Overview

Quantity:	100 µg
Target:	DFFA
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DFFA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	DFFA antibody was raised in rabbit using the N terminal of DFFA as the immunogen
Cross-Reactivity:	Rat (Rattus)

Target Details

Target:	DFFA
Alternative Name:	DFFA
Background:	Apoptosis is a cell death process that removes toxic and/or useless cells during mammalian development. The apoptotic process is accompanied by shrinkage and fragmentation of the cells and nuclei and degradation of the chromosomal DNA into nucleosomal units. DNA fragmentation factor (DFF) is a heterodimeric protein of 40-kD (DFFB) and 45-kD (DFFA) subunits. DFFA is the substrate for caspase-3 and triggers DNA fragmentation during

Target Details

apoptosis. DFF becomes activated when DFFA is cleaved by caspase-3. The cleaved fragments of DFFA dissociate from DFFB, the active component of DFF. DFFB has been found to trigger both DNA fragmentation and chromatin condensation during apoptosis. Synonyms: Polyclonal DFFA antibody, Anti-DFFA antibody, DNA fragmentation factor, 45kDa, alpha polypeptide antibody, DFF-45 antibody, DFF1 antibody, Ion ChannelAD antibody.

Pathways: [Apoptosis, Caspase Cascade in Apoptosis](#)

Application Details

Application Notes:	WB: 5 µg/mL Optimal conditions should be determined by the investigator.
Comment:	DFFA Blocking Peptide, (ABIN5613183), is also available for use as a blocking control in assays to test for specificity of this DFFA antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.