

Anti-DFFA antibody

Cat. No.	ml120799
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-DFFA rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human DFFA
Reactivity	Human
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	DFFA
Full name	DNA fragmentation factor, 45kDa, alpha polypeptide
Synonyms	DFF1; ICAD; DFF-45
Swissprot	O00273

Target 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 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. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

订购热线: 4008-898-798

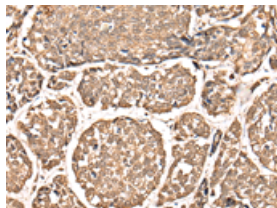
Applications

Immunohistochemistry

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human esophagus cancer

Recommended dilution: 30-150

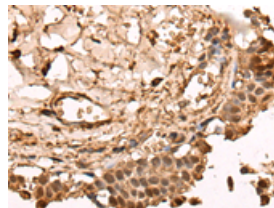


The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml120799(DFFA Antibody) at dilution 1/40. (Original magnification: ×200)

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 30-150



The image is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml120799(DFFA Antibody) at dilution 1/40. (Original magnification: ×200)

Western blotting

Predicted band size: 37 kDa

Positive control: Jurkat cell lysate

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

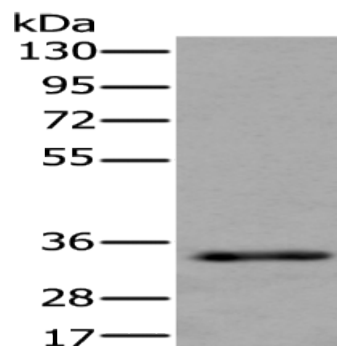
Lysate: 40 µg

Lane: Jurkat cell lysate

Primary antibody: ml120799(DFFA Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



ELISA

Recommended dilution: 5000-10000

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