Catalog: OM276970

Scan to get more validated information

DFFA Antibody

Catalog: OM276970

☐ 100ug

Product profile

Product name	DFFA Antibody
Antibody Type	Primary Antibodies
Product description	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 degra dation of the chromosomal DNA into nucleosomal units. DNA fragmentation factor (DFF) is a heterodime ric 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 cl eaved 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.Apoptosis is a cell death p rocess 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 chromosom al 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 fragment ation and chromatin condensation during apoptosis. Two alternatively spliced transcript variants encodin g distinct isoforms have been found for this gene.1) Yan, B., (2006) Proc. Natl. Acad. Sci. U.S.A. 103 (5), 15 04-1509.
Immunogen	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human DFFA.

Key Feature

Clonality	Polyclonal
Host Species	Rabbit
Tested Applications	ELISA ,WB
Species Reactivity	Human
Concentration	1 mg/ml
Purification	Protein A

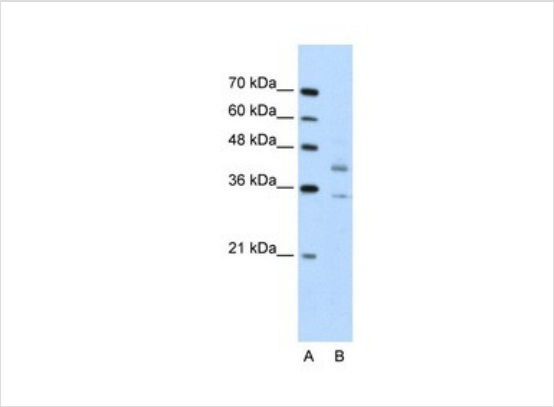
Target Information

Gene Symbol	DFFA
Alternative Names	DFFA, DFF-45, DFF1, Ion ChannelAD, ICAD
Molecular Weight(MW)	37 kDa, 29 kDa

Database Links

Entrez Gene	1676
Protein Accession	NP_004392

Application



Application
Antibody used in WB on Human Jurkat 5.0 ug/ml.

Positive Control	1) Cat. No. 1205 - Jurkat Cell Lysate
Application Notes	**DFFA antibody can be used for detection of DFFA by ELISA at 1:312500. DFFA antibody can be used for detection of DFFA by western blot at 5.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.**:

Additional Information

Form	Liquid
Storage Instructions	For short periods of storage (days) store at 4˚C. For longer periods of storage, store DFFA antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles.
Storage Buffer	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Note	The product is for research use only,not for use in diagnostic or therapeutic procedures.

order@Omnimabs.com
506 N. GARFIELD AVE #210 ALHAMBRA, CA 91801

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt