

Rabbit DFF40 Polyclonal Antibody | anti-DFF40 antibody

DFF40 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308252	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

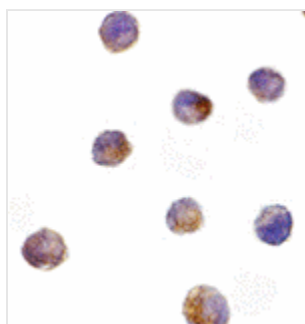
PRODUCT SYNONYMS

DFF40; Polyclonal Antibody; DFF40 Antibody; CAD; anti-DFF40 antibody

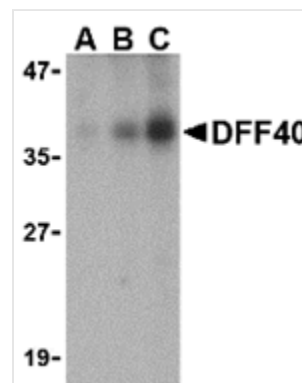
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	338
Applicable Applications for anti-DFF40 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 203 to 218 of human DFF40.
Target Name	DFF40
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


ICC (Immunocytochemistry)

Immunocytochemistry of DFF40 in K562 cells with DFF40 antibody at 10 ug/mL.


WB (Western Blot)

Western blot analysis of DFF40 in Jurkat cell lysate with DFF40 antibody at (A) 0.5, (B) 1 and (C) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-DFF40 antibody	Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain containing adapter molecules and members of the caspase family of proteases. These death signals finally cause the degradation of chromosomal DNA by activated DNase. A mouse DNase that causes DNA fragmentation was identified recently and designated CAD for caspase activated deoxyribonuclease. The human homologue of mouse CAD was more recently identified by three groups independently and termed CPAN, DFF40, and human CAD, respectively. DFF45/ICAD is the inhibitory protein of DFF40/CAD and forms complex with DFF40/CAD. Upon cleavage of DFF45/ICAD by activated caspase, DFF40/CAD is released and activated and eventually causes the degradation of DNA in the nuclei. Activation of DFF40/CAD, which causes DNA degradation, is the hallmark of apoptotic cell death.
Product Categories/Family for anti-DFF40 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758150
NCBI GeneID	1677
NCBI Accession #	NP_004393
NCBI GenBank Nucleotide #	NM_004402.3
Molecular Weight	11,482 Da
NCBI Official Full Name	DNA fragmentation factor subunit beta isoform 2
NCBI Official Synonym Full Names	DNA fragmentation factor, 40kDa, beta polypeptide (caspase-activated DNase)
NCBI Official Symbol	DFFB
NCBI Official Synonym Symbols	CAD; CPAN; DFF2; DFF40; DFF-40
NCBI Protein Information	DNA fragmentation factor subunit beta
UniProt Protein Name	DNA fragmentation factor subunit beta
UniProt Gene Name	DFFB
UniProt Synonym Gene Names	CAD; DFF2; DFF40; CAD; Caspase-activated DNase; CPAN; DFF-40
UniProt Entry Name	DFFB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dff40-antibody-immunocytochemistry-western-blot-elisa/308252>