

ICAD Antibody

Catalog No: #35411

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

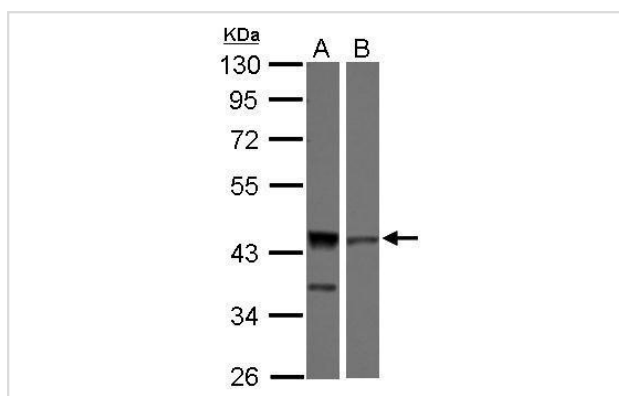
Description

Product Name	ICAD Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ICAD protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 2 and 287 of ICAD.
Target Name	ICAD
Other Names	DFF-45 antibody; DFF1 antibody; ICAD antibody; DFFA antibody; DNA fragmentation factor 45 kDa subunit antibody; inhibitor of CAD antibody; DNA fragmentation factor subunit alpha antibody; DFF45 antibody; "DNA fragmentation factor; 45kDa; alpha polypeptide
Accession No.	Swiss-Prot#:O00273;NCBI Gene#:1676
SDS-PAGE MW	37kd
Concentration	1mg/ml
Formulation	Rabbit IgG in 1XPBS, 1%BSA, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:3000

Images



Sample (30 ug of whole cell lysate)

A: 293T

B: Jurkat

10% SDS PAGE

#35411 diluted at 1:1000

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. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.