

Anti-DFF45 Antibody

Catalog # AP51163

Product Information

Application	WB, IHC, IF/IC
Primary Accession	O00273
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36522

Additional Information

Gene ID	1676
Other Names	DFF1; DFF45; DNA fragmentation factor subunit alpha; DNA fragmentation factor 45 kDa subunit; DFF-45; Inhibitor of CAD; ICAD
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DFF45. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

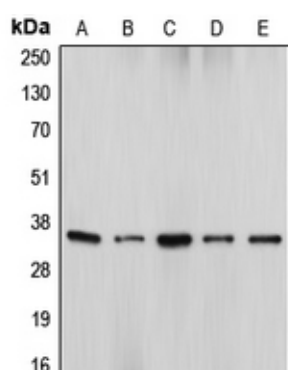
Protein Information

Name	DFFA
Synonyms	DFF1, DFF45
Function	Inhibitor of the caspase-activated DNase (DFF40).
Cellular Location	Cytoplasm.

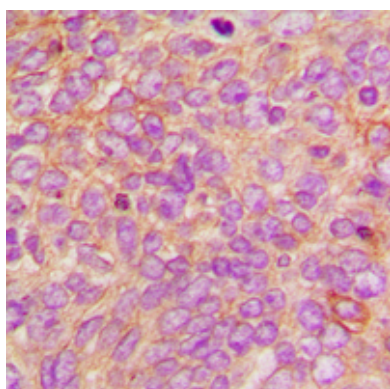
References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).

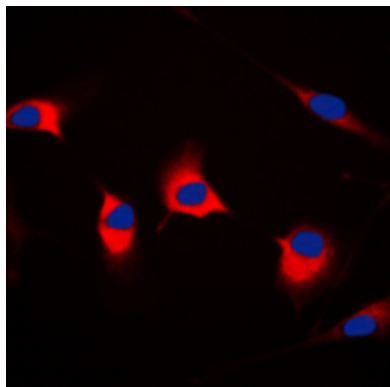
Images



Western blot analysis of DFF45 expression in HeLa (A), U937 (B), WR19L (C), HEK293T (D), Jurkat (E) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 35 kD)



Immunohistochemical analysis of DFF45 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of DFF45 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.