# DFFA polyclonal antibody

| Catalog: | BS61762 | Host: | Rabbit | Reactivity: | Human,Mouse,Rat |
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## BackGround:

Human DFF45 and its mouse homologue ICAD function in normal cells as chaperones for caspase-activated deoxyribonuclease (DFF40 or CAD) during its synthesis. The association of DFF45 (or its isoform DFF35) with DFF40 inhibits the DNAse activity of the latter. In vitro, DFF45 has been shown to be the target of several caspases, including caspase-3, -6, -7, -8 and granzyme B. In vivo, caspase-3 is believed to be the primary enzyme responsible for processing DFF45 and release of its carboxy-terminal fragment. The cleavage of DFF45 inactivates its inhibitory function on DFF40 and causes nuclear DNA degradation by DFF40, leading to cell death.

## Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

## Molecular Weight:

~ 36 kDa

## Swiss-Prot:

O00273

## Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
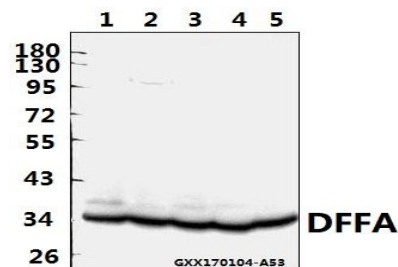
## Applications:

WB: 1:500~1:1000

## Storage&Stability:

Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze-thaw cycles.

## Specificity:

DFFA polyclonal antibody detects endogenous levels of DFFA protein.

## DATA:



Western blot (WB) analysis of DFFA polyclonal antibody at 1:500 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:CT26 whole cell lysate(40ug)

Lane3:HCT116 whole cell lysate(40ug)

Lane4:COS-7 whole cell lysate(40ug)

Lane5:SGC7901 whole cell lysate(40ug)

## Note:

For research use only, not for use in diagnostic procedure.