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DFF45 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10036

Specification

DFF45 Antibody - Product Information

Application	**WB**
Primary Accession	O54786
Other Accession	AAH58213
Reactivity	**Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**36572**

DFF45 Antibody - Additional Information

Gene ID 13347

Application & Usage

Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. The antibody detects the 45 kDa and 28 kDa proteins, corresponding to the apparent molecular weight of DFF45/ICADL, and ICADS in immunoblots.

Other Names
DFFA, DFF-45, ICAD, DFF1

Target/Specificity
DFF45

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.2 mg/ml) immunoaffinity purified rabbit DFF45 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
DFF45 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

DFF45 Antibody - Protein Information

Name Dffa

Synonyms Icad

Function
Inhibitor of the caspase-activated DNase (DFF40).

Cellular Location
Cytoplasm.

DFF45 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DFF45 Antibody - Images

DFF45 Antibody - Background

Apoptosis occurs during normal cellular development and involves dramatic changes in cellular structure. Disruption of apoptosis may contribute to cancer as well as many other types of diseases. Recently, a human DNA fragmentation factor (DFF45) was identified. DFF is composed of two subunts: DFF40 and DFF45. Cleavage of DFF45, which is mediated by caspase-3, leads to DFF40’s activation as a nuclease. Activation of DFF40 can lead to DNA fragmentation, a hallmark of apoptosis.