

## Datasheet: AHP2459

**BATCH NUMBER 170301**

<b>Description:</b>	RABBIT ANTI DFF-45
<b>Specificity:</b>	DFF-45
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µl

### Product Details

#### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/50 - 1/200
Western Blotting	▪			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

#### Target Species

Human

#### Species Cross Reactivity

Based on sequence similarity, is expected to react with: Mouse, Rat  
**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

#### Product Form

Purified IgG - liquid

#### Antiserum Preparation

Antiserum to DFF-45 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

0.02% Sodium Azide  
 50% Glycerol

**Immunogen** Recombinant human DFF-45

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**External Database**

**Links**

**UniProt:**

[O00273](#)

[Related reagents](#)

**Entrez Gene:**

[1676](#)

DFFA

[Related reagents](#)

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**Synonyms**

DFF1, DFF45

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**Specificity**

**Rabbit anti DFF-45 antibody** recognizes DFF, also known as DNA fragmentation factor subunit alpha, DFF1, DFFA, inhibitor of caspase-activated DNase or ICAD.

DNA fragmentation factor (DFF) is a heterodimeric protein of 40kDa (DFF-40) and 45 kDa (DFF-45) subunits. During apoptosis caspase-3 cleaves DFF into the DFF-45 and DFF-40 fragments.

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**Western Blotting**

Rabbit anti DFF-45 antibody detects a band of approximately 43 kDa in cell lysates and tissue lysates under reducing conditions

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**Storage**

Store at -20°C

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**

12 months from date of despatch

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**Health And Safety Information**

Material Safety Datasheet documentation #10049 available at:

<https://www.bio-rad-antibodies.com/SDS/AHP2459>

10049

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M336799:181214'

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