



[Go to Product page](#)

Datasheet for ABIN890659  
**anti-CIDEA antibody (AA 85-180) (Biotin)**

### Overview

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                 |
| Target:              | CIDEA                                                                                                                  |
| Binding Specificity: | AA 85-180                                                                                                              |
| Reactivity:          | Mouse, Rat                                                                                                             |
| Host:                | Rabbit                                                                                                                 |
| Clonality:           | Polyclonal                                                                                                             |
| Conjugate:           | This CIDEA antibody is conjugated to Biotin                                                                            |
| Application:         | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human CIDE A |
| Isotype:              | IgG                                                        |
| Cross-Reactivity:     | Mouse, Rat                                                 |
| Predicted Reactivity: | Human,Dog,Pig,Horse,Chicken,Rabbit                         |
| Purification:         | Purified by Protein A.                                     |

### Target Details

|                   |                                           |
|-------------------|-------------------------------------------|
| Target:           | CIDEA                                     |
| Alternative Name: | CIDE A ( <a href="#">CIDEA Products</a> ) |

## Target Details

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**Background:** Synonyms: Cell death activator CIDE A, Cell Death Inducing DFFA Like Effector A, cell death inducing DNA fragmentation factor, alpha subunit like effector A, CIDEA, CIDEA\_HUMAN.  
Background: Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain containing adapter molecules and members of the caspase family of proteases. These death signals finally cause the degradation of chromosomal DNA by activated DNase. DFF45/ICARD has been identified as inhibitor of caspase activated DNase DFF40/CAD. DFF45 related proteins CIDE A and CIDE B (for cell death inducing DFF like effector A and B) were recently identified. CIDE contains a new type of domain termed CIDE N, which has high homology with the regulatory domains of DFF45/ICAD and DFF40/CAD. Expression of CIDE A induces DNA fragmentation and activates apoptosis, which is inhibited by DFF45. CIDE A is a DFF45 inhibitable effector that promotes cell death and DNA fragmentation. CIDE A is expressed in many tissues.

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**Gene ID:** 1149

## Application Details

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**Application Notes:** IHC-P 1:200-400  
IHC-F 1:100-500

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C for 12 months.

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**Expiry Date:** 12 months