

**Anti-DFNA5 Antibody (Internal)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17405****Specification**

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**Anti-DFNA5 Antibody (Internal) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P              |
| Primary Accession | <a href="#">O60443</a> |
| Predicted         | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 54555                  |

**Anti-DFNA5 Antibody (Internal) - Additional Information****Gene ID 1687**

|                                                        |       |
|--------------------------------------------------------|-------|
| Alias Symbol                                           | DFNA5 |
| <b>Other Names</b>                                     |       |
| DFNA5, ICERE-1, Deafness, autosomal dominant 5, ICERE1 |       |

**Target/Specificity**

Recognizes endogenous levels of DFNA5 protein.

**Reconstitution & Storage**

PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.

**Precautions**

Anti-DFNA5 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-DFNA5 Antibody (Internal) - Protein Information**

**Name** GSDME {ECO:0000303|PubMed:28459430, ECO:0000312|HGNC:HGNC:2810}

**Function**

[Gasdermin-E]: Precursor of a pore-forming protein that converts non-inflammatory apoptosis to pyroptosis (PubMed:<a href="http://www.uniprot.org/citations/27281216" target="\_blank">27281216</a>, PubMed:<a href="http://www.uniprot.org/citations/28459430" target="\_blank">28459430</a>, PubMed:<a href="http://www.uniprot.org/citations/33852854" target="\_blank">33852854</a>, PubMed:<a href="http://www.uniprot.org/citations/35594856" target="\_blank">35594856</a>). This form constitutes the precursor of the pore-forming protein: upon cleavage, the released N-terminal moiety (Gasdermin-E, N-terminal) binds to membranes and forms pores, triggering pyroptosis (PubMed:<a href="http://www.uniprot.org/citations/28459430" target="\_blank">28459430</a>).

**Cellular Location**

[Gasdermin-E, N-terminal]: Cell membrane; Multi-pass membrane protein  
{ECO:0000250|UniProtKB:Q5Y4Y6}

**Tissue Location**

Expressed in cochlea (PubMed:9771715). Low level of expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas, with highest expression in placenta (PubMed:9771715).

**Anti-DFNA5 Antibody (Internal) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-DFNA5 Antibody (Internal) - Images**